

4-7-1982

## Avion 1982-04-07

Embry-Riddle Aeronautical University

Follow this and additional works at: <https://commons.erau.edu/avion>

---

### Scholarly Commons Citation

Embry-Riddle Aeronautical University, "Avion 1982-04-07" (1982). *Avion*. 436.  
<https://commons.erau.edu/avion/436>

This Book is brought to you for free and open access by the Newspapers at Scholarly Commons. It has been accepted for inclusion in Avion by an authorized administrator of Scholarly Commons. For more information, please contact [commons@erau.edu](mailto:commons@erau.edu).

## Snowbird marks twenty-fifth anniversary

By Jeff Guzzelli  
Avion Staff Reporter

Not too many people knew it, but this past month marked the twenty-fifth silver anniversary of the "Snowbird's" epic flight. What was the "Snowbird?" Well, it was a 343 foot Naval airship that concluded an eleven-day, record-setting, trans-oceanic flight on March 15, 1957. The airship was the Goodyear ZPG-2, and its commander was none other than Embry-Riddle's president, Jack R. Hunt.

The endurance and distance records that were set by the "Snowbird" still stand today. The dirigible travelled over three continents and remained aloft for 264 hours without refueling. The 9448 mile journey departed Massachusetts on March 4, 1957, tracked a loop-shaped path across the Atlantic Ocean and back, and landed in Key West, Florida on March 15.

According to President Hunt, the flight culminated from several years of testing airship capabilities. "The trip was the icing on the cake after about five years of development," Hunt stated.

The president shed some interesting background information about his past involvement with the development of airships. He joined the Navy during WW II and was the top of his class in lighter-than-air (LTA) flight training. He became a free-ballooner and LTA instructor and led the Navy in 1946. Hunt then finished college,

bought two blimps, and maintained his enthusiasm in airships. (In fact, he piloted Howard Hughes's blimp, "Outlaw").

In 1951, Hunt went back into the service and the Navy put his LTA experience to use. He underwent more training and was transferred to an airship squadron. In the several years that followed, Hunt became actively involved in the testing and developing of dirigibles. At that time, the Navy struggled to prove the effectiveness of airships for anti-submarine warfare and airborne early warning operations.

One of the ordered missions that Hunt and his squadron received while stationed in Key West was to seek and intercept the Navy's first nuclear submarine, "Triton," as it maneuvered toward the Panama Canal. They accomplished this task and Hunt was then transferred to the Naval Air Development Unit in NAS South Weymouth, Massachusetts.

It was here, during the late fifties, where the colorful Commander Hunt and the Navy devised a three phase series of tests to verify the capabilities of the latest ZPG-2 airship. The "Snowbird" was tested in adverse weather conditions such as rain, snow, turbulence, and icing.

The "Snowbird" performed admirably and the final phase of the research was to test its endurance. Hunt proposed a non-stop voyage across the Atlantic Ocean and back.

Some of his superiors refuted the

plan, but somehow Washington caught wind of it and President Eisenhower expressed interest in Hunt's idea. The young commander made presentations to the Navy admirals and briefed them about the epic flight.

"You've got to do your homework and sell a plan if you want something accomplished," President Hunt commented. "They bought the idea and we made extensive preparations for the flight. We plotted about 80 flights on paper using actual reported weather conditions along our proposed route."

The voyage would be far from routine. President Hunt explained that if one of the engines malfunctioned over the ocean, the "Snowbird" would surely fall prey to the massive icebergs below. Also, fuel consumption was a very critical aspect of the flight and was meticulously computed.

Every contingency was worked out. The 14 crew members embarked on the ZPG-2 on the evening of March 6, 1957 for the epic flight from South Weymouth.

The eleven day voyage that ensued proved to be a heroic endeavor by the entire crew. The scenario seemed to come straight out of a "History of Aviation" textbook. The "Snowbird" faced some problems at times such as strong headwinds and storms, but the decision was always to push on.

On March 5, the blimp passed by the peaks of the Azores and en-

countered unfavorable headwinds which threatened efficient fuel consumption. At times, the ground speed seemed to be zero. But things improved as the "Snowbird" lumbered over Portugal and then Africa and began its

final leg towards Florida. During the voyage the aboard the 83-foot airship car included chess and checkers and the crewmembers were off duty. Crew morale was good and the ship was tended to in 12-hour shifts. The

limited cooking facilities.

"Half the crew hadn't even been in an airship before," commented President Hunt. "But everyone did

(see BLIMP, page 5)

### Spring Fling

Gary U.S. Bonds lets loose at Spring Fling Saturday while entertaining a crowd of well over 1000 eager listeners. Bonds was preceded by the popular mid-Florida band Stranger, and a hard-driving band from Michigan, Force.

see story page 4



## Residence Hall Advisor salaries to be decreased

by Louis M. Kady

The ERAU Housing Department has recently announced Residence Hall Advisor (RA) salaries will be decreased to the same equal amount per month. The pay cut has caused a certain amount of controversy between RAs and housing administrators.

The basic rationale behind the pay cut according to Steve Whitmer, Director of Housing, is to create a state of parity or equality

between RAs

and the student. In regard to the issue of parity, Whitmer explained how the housing department is not willing to compromise on parity because of the problems disparity caused them, however he emphasized they would compromise on money. He reassured RAs will be allotted a concession by being allowed to work at the reception desks in Dorm 1 and II. "Giving the RAs the opportunity to make up the

difference in the

student. "The experience of being an RA is to a certain extent a compensation in itself. The biggest thing I think you can learn from being an RA are personal skills, learning how to handle yourself. That's the one skill that will make or break your professional career," concurred Whitmer. "I consider the RA job to be a privilege."

One RA rebutted Whitmer's last comment. "The RA job is a

**"To address the issue of money, I consider the RA job to be a privilege."**

difference in the salary, in my opinion, is more than fair action on our part to address the issue of money," stated Whitmer. Although the cause for a pay cut is to achieve parity, there are various RAs who claim it is unfair to have a salary they were used to suddenly be reduced. "A lot of us worked hard to get our raises, now it's a setback," protested one RA. "A lot aren't mad at the pay cut itself but the way it was handled."

An alternative proposal was produced by Tom Padgett, an RA at Apartment Complex I. Padgett declared his "Grandfather Clause" would gradually bring parity to the system. Currently 27 out of 37 RAs have signed this proposal. Padgett pointed out the main difference between the "Grandfather Clause" and housing's straight pay cut is that it will achieve parity, but will not affect the RAs that have gotten used to a certain standard of living.

Whitmer attacked the "Grandfather Clause," criticizing it "doesn't do anything to address the major issue of parity."

Whitmer made a point of saying "money is not the issue" to being an RA, and insisted the experience gained makes the job beneficial to

privilege but usually these individuals who seek the position are highly motivated and enthusiastic individuals. In recognizing this fact, housing should be proud of their student employees and compensate them fairly for a job well done," remarked Todd Baurely, RA at Apartment Complex I.

"It's unfortunate that the housing

(see RA, page 5)



The first Student Government Court Scholarship was awarded to three E-RAU students during a ceremony last Monday. Presenting the scholarship to recipient, Gareth Turgeon, is Chief Justice Tony Pinto. Others to receive the awards were Rhonda Payton and Wayne McLeod. Pinto announced that the Court had established the scholarship to award funds received from fines for parking and traffic violations on campus. "We wanted this money to directly benefit the students," Pinto said. "As the government cuts back on student aid, we need to find other ways to finance our education. We are pleased that the administration is letting us help ourselves." Student Court members looking on are L to R, Dave Frost, John Scribner, Julio Subercaseaux, Chris Rosinski and advisor Rick Sage. Also looking on are Dean Rockett and SGA president Dino Santeausino.

## Library included in E-RAU budget

By Max Corneau  
Avion Staff Reporter

"In next year's budget, we have allocated funds for the architectural drawings and design of a library," according to Provost Jack Fidel, Daytona Campus Provost. For months, the need of adequate library space has gone uncorrected. According to Provost Fidel, the ball has been rolling, as a proper library facility looms in the not too distant future.

Today's economy dictates that constructing a library of the size needed here would cost more than the University has available in the

General Fund for construction purposes. Because of this, the Provost has "put priority on the development of funds from corporations, foundations, and aviation industry to work on funding to start building a library." Even though the economic situation today is a tight one, the Provost feels that private interests may be induced into contributing a library construction project. "We are already using artists' sketches of the library to get support. A library, I think, is a very popular symbol of the projects people like to invest in."

Our library's location, in keeping with the master plan, would be on the western end of the present main parking lot. As of now, no firm commitments have been made, relative to library construction. Mr. Fidel noted, "It all depends, the project is scheduled for discussion at the next Board of Trustees meeting."

The Board of Trustees, in this case, is primarily concerned with directing the development of the inland project. Provost Fidel explained, "The developmental

(see LIBRARY, page 5)

### Inside this week

Play Review	4
Alcohol Program	5
American League	6
Survey	7
Fly-in	12

**Happy Easter**

## Summer school?

By Julien P. Oleon  
Avion Copy Editor

Two weeks before the end of the term! For certain it is graduation time, but for many of us it is only one more step on the long path.

The Board's decision to make Thursday 15 a study day was a real relief. It is to hope that the results will prove to the Administration that its decision was right. It is too bad however that certain instructors, despite last term's Avion editorial dated December 2, still try to force in the two last weeks the amount of material usually covered in four!

Those of us who will stay here for the summer went through pre-registration last week. The emigrations made by the staff of the records and registration offices were, however, not improving this way, we might have a perfect registration process before most of us graduate. However, if pre-registration was facilitated and the waiting lines shortened, what a surprise, once in front of the terminal, to find out that most of the classes were closed. Here goes the schedule prepared with so much care as to save enough time for the beach!

It should not have been a surprise anyway. After reading the summer class schedule, one should have been ready for the disagreement. Many classes were offered with one section only and, to make it more complicated, these sections were open between 9:30 a.m. and 15:30 a.m., thus favoring time conflicts. MS 408 (Airport Management) and AS 405 (Aviation Law) were the typical examples of student frustration. These two classes were closed by the middle of the first day.

The administration had, most certainly, some very good reasons for scheduling the summer classes the way it did. But one might wonder why (see SUMMER, page 3)

## Cramming again for so-so courses

By R. K. Smithley  
Avion News Editor

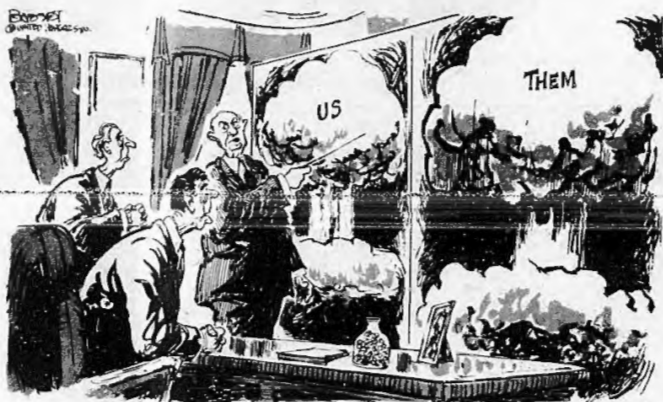
Once again, it is every student's most feared time of the trimester; finals week. That's right folks. The dreaded week-long period of sleepless nights, heavy coffee ingestion and worry about whether you can salvage an acceptable grade is upon you.

At the end of last trimester, an Avion editorial dealt with the fact that most E-RAU teachers jam too much information into the last two weeks of regularly scheduled classes. That editorial was apparently placed in the circular file by those teachers who read it, because here we are with less than two weeks to go, and it's cram city again. And it seems to be every bit as bad as it was last tri.

As the December 2 editorial stated, "students are forced to digest an over-abundance of material in a short time." Do E-RAU instructors really think we can learn anything when we are so busy copying information from an overhead viewer that we can't even think about it? I fail to see the logic in student memorization of subjects, when the contribution to the long-term knowledge is negligible. Faculty who introduce totally new subjects and chapters within the last two weeks of the term should stop this notorious practice immediately, if not sooner.

Another major complaint often heard around campus is that the subject matter for many classes is really ridiculous when you sit down and seriously think about it. Physics courses for pilots are taught with little applicability to real world situations and are taught too quickly for many to attain sufficient knowledge. Don't misunderstand me, I realize that engineers use this material daily, but most pilots shooting for a permanent office in the sky will use physics very little after school. Most would rather not. Another common gripe is the fact that no credits are given for time spent in lab. An hour each week just in the lab itself denotes at least one credit-hour, right?

(see CRAMMING, page 3)



"YOU'RE ABSOLUTELY RIGHT. ON THE OVERKILL SCALE, WE'RE VULNERABLE. THEY CAN KILL US SEVENTEEN TIMES TO OUR FIFTEEN."

## Letters

### Parking

To the Editor:

I'm writing to express my feelings about the ridiculous parking situation at Embury-Riddle. In particular, the absurd, annoying, and totally useless actions of campus security to issue tickets. It seems like they can't make up their mind as to what is and what is not a ticketable offense. Some days they give out tickets, some days they don't. What on earth is their problem? Every single day, sooner or later, there are cars in the handicapped spaces, student cars in faculty spaces, cars parked backwards, cars without stickers, cars parked in the 10-minute zone for hours, etc., and security is not consistent about their actions. They seem like a moody bunch of people. I've seen them stroll right by cars in the 10-minute zone that have been there for hours, but boy, will they write you up for not having a sticker on your moped.

I had my car parked way out by Dorm 1, on the edge of the lot, by

Clyde Morris, not blocking anyone, and not obstructing traffic. I was at the end of a row, not on the grass, and there wasn't any "no parking" sign anywhere. I was here because 15 minutes of trying to find a closer spot was fruitless. Why the ticket guys? I had parked there off and on for two months, and I still do. Why don't I get a ticket every time? Your policies don't make a bit of sense. Haven't you tuition-paid people got anything better to do, like build speed bumps? If you can't do a meaningful and consistent job, you shouldn't do anything at all. Let's face it, Embury-Riddle is crowded, overcrowded. I think that until the school provides more parking facilities to relieve a problem it created, they should stoppaying our rent-a-cops to write ludicrous tickets. Ticket the serious violators, not your Mickey Mouse offenders, and do it all the time, not just when you feel like it, or trash your little pink pads. Your parking and ticketing situation is a joke.

Finally, I'm forced to pay these

idiotic fines without much of a protest, since I can't register for the Fall until I do. I guess Embury-Riddle will keep inventing ways to squeeze the dollar out of its students. Building more parking facilities or lay off the stupid tickets. Sincerely, William Clarke Box 6980

### Warning!

To the Editor:

I have been going to E-RAU for two trimesters now and with any school there are always a set of rules that must be followed. Unfortunately, I broke one of the rules that deal with library materials.

A week ago I needed some information for a paper that I was writing in my humanities class. I went to the library to do some research and found what I needed in the current issues section. The problem was that it was getting late and the library was going to close. Having no money to copy the information, I decided to take the papers, use them for the weekend, and return them the following Monday. What I didn't know was that the papers were not cleared by the desk which set the alarm off while I was walking out, thus placing me in a lot of trouble.

This letter is to warn other students that taking something that is not theirs not only hurts them but also hurts the rest of the students of this school. I hope this experience will help others as it did me.

Neal Rourke Box 1026

### Frozen

To the Editor:

Going on to my third year here at E-RAU I've seen many changes. The student body almost doubled, new academic classrooms were built, the parking lot was partially paved, and they even painted Dorm 11. But one thing has never gone right, the artificial environment (or sometimes lack of it) that is pumped into the classrooms. I'll never forget my first trimester here. It was September 1979, 98° outside and 110° inside. Needless to say, my History of Aviation class was not thoroughly enjoyed. What triggered this wonderful memory was walking into the November like weather in H building one morning this week. I shivered my way through Flight Physiology and was glad when it was over, so I could go outside and warm up.

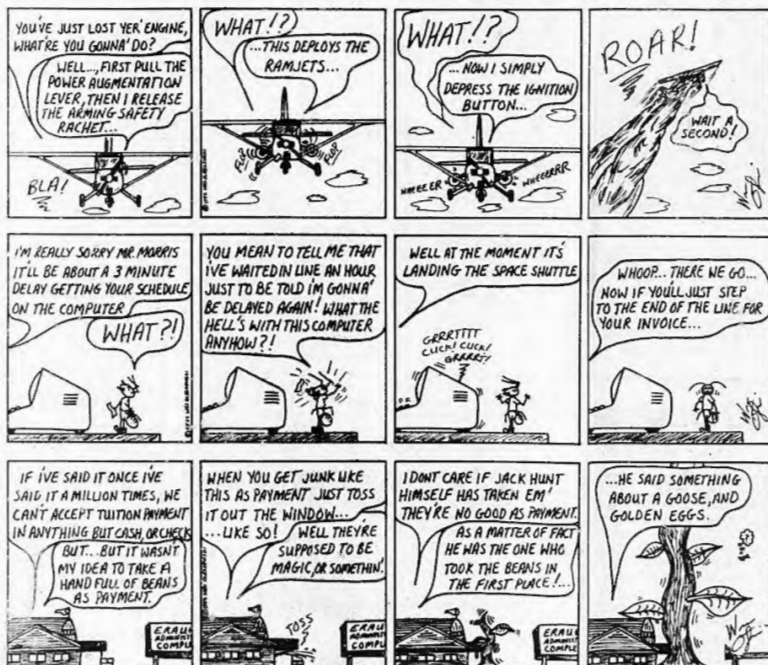
The cost of our tuition might seem far away from this subject, but if I'm not mistaken, utilities are a large operating expense, and that's one of the reasons for raising tuition! I can't know about everyone else, but when I set my air-conditioning on 62°F, Florida Power & Light does some heavy multiplication on my bill.

Is the administration conducting a study relating room temperature and Student Snooze factors? Are they trying to help the Alaskan students from being homesick? Or should there be some drastic

(see LETTERS, page 3)

## Klyde Morris

## wes oleszewski





# What to do with your money, bananas and nuts



The art of happiness: People think happiness is something that will happen to them. They don't see happiness as something they have to create for themselves. People go to a lot of bother to learn Spanish, calculus or sailing. They have the patience and interest to learn how a car works but not to learn how they themselves work.

Charter flights are more reliable now than they used to be: The price of a charter air/hotel combination often comes to less than the price of a round-trip airline ticket. More advantages: (1)

Nonstop flights to your destination, (2) Last-minute specials offered at steep discounts, (3) Independent travel once the plane arrives, (4) Services at your destination. Disadvantages: Payment is required far in advance. Usually only weekend flights are offered. Prices can be raised before departure. "Cancellation charges" are sticky (if you pull out less than 35 days before your flight, you can lose the whole amount.)

**Alcohol and heart disease:** Researchers have discovered chemical compounds called fatty acid ethyl esters in the hearts of people who died while intoxicated. These may explain the connection between alcohol and heart disease. Potential effect: Discovery of the role these compounds play in heart disease could lead to the development of drugs to counteract them.

Serious viral infections may cause coronary damage that facilitates a heart attack. The viral infections are those that commonly bring on bad colds. If they persist, they could inflame the heart muscle, making the patient susceptible to attacks.

**Your Money:** A new bank account, called a sweep or overflow account, will pump the excess from your checking account into money-market funds. How it works: When you have more than \$2,500 in your checking (NOW) account at 5 1/4% interest, the bank transfers the overflow into a money fund (currently paying around 13%). When your checking account dips below \$2,500, it will be pumped back into it from the money fund. Advantages: Much lower minimum deposit than currently required by money funds. A checking account without the usual \$500 minimum on the size of checks you can write against a money fund. Where to sign up: At any bank or S&L affiliated with MasterCard.

**Banana Bulletin:** for about 15 years now, it has been okay to put bananas in the refrigerator, contrary to the still popular 1940s Chiquita Banana jingle. (More sophisticated picking and shipping have speeded the ripening process.) Yellow bananas can be held at the just-ripe stage in the refrigerator for up to six days. Although the peel might discolor slightly, the

fruit retains both its flavor and nutrition. Green bananas should ripen at room temperature first. Mashed banana pulp can be frozen.

**Nuts in the shell** keep at room temperature for only short periods of time. Put them in a cool, dry place for prolonged storage. Shell-on nuts should be stored for several months when sealed in containers and refrigerated. For storage of up to a year, place either shelled or unshelled nuts in a tightly closed container in the freezer.

**Aid for travelers:** A free 16-page booklet helps the traveler in many different ways, examples: How to secure your house when away. How to protect your belongings at a hotel, and what to do in case of trouble during a trip. To order: send a stamped, self-addressed envelope to **Have a Safe Trip**, American Express Co., 124 Broad St., New York 10004.

**When selecting a hairbrush,** the choice is between natural and synthetic bristles. Natural bristles come from wild boars. The stiffer the bristles, the higher the price. They have a natural taper for good brushing. Hitch: Their uneven sur-

faces can catch the hair, pulling it unnecessarily. Synthetic bristles are widely spaced and have rounded tips. Best: Use both kinds of brushes. The synthetic bristles are good for untinged hair. The natural bristles are suited for grooming. Note: Keep brushing to a minimum. Too much is harmful.

**Steeves study:** A father and son respond differently to a newly born infant than does a mother. Baby's reaction to father: Wide-eyed, playful and receptive. Reason: The father's attitude is frequently playful. The baby learns this quickly and reacts accordingly.

**Marriage is a joll** when both partners believe they can demand anything of each other. Similarly, if one partner becomes totally dependent on the other, resentment is sure to creep into the relationship. Insight: Love cannot exist under coercion. Way out: Two people with healthy self-esteem can speak openly about their relationship. Both can be free while continuing to live harmoniously together. The best marriage: One that is made up of a husband and wife who respect the needs and

rights of the partner while maintaining a sense of their own individuality as well.

**How successful executives are viewed by their wives:** The husbands are aggressive but good teachers and patient with children. Only one-third are considered romantic. **Single parents:** The wife must learn to be alone often and accept a mediocre sexual relationship with her husband. Another view: Many wives regard their successful executive husbands as leaders who are hard-working, honest, kind-hearted and excellent as fathers -- and unsung heroes.

**Ice cream can cause a headache** when eaten too quickly: The coldness numbs the palate, and this is relayed to the brain as a headache. Once the mouth adjusts to the coldness, the headache vanishes. Easier: Eat ice cream slowly.

**Muscles shrink only from disease or disuse, not from age:** Any healthy muscle responds to exercise, no matter what the age of the person. Point: Exercise will maintain musculature, and even expand it, after the age of 50.

## letters

changes in the physical plant operations? Maybe the guy in charge of setting the thermostats should take a few more seconds to set it on a more reasonable temperature, and not only reasonable to a wealthy eskimo. M. Smith Box 2091

### False Alarm

The purpose of this letter is to make readers of *The Avian* in particular on-campus residents, aware of the importance of fire safety in the dorms. We recently had an experience which proved the lack of respect and reaction towards the activation of the fire alarms. Through horseplay in our room, we accidentally hit the heat sensor which triggered the fire alarm. We failed to report this incident to the

Resident Advisor, and as a result two other false alarms followed due to the broken heat sensor. It should be noted that every time the alarm goes off it is not reset until the next day. What this means is that if a real fire does occur the heat sensor will not function and the alarm will not go off. The result of this incident was a decrease in the little respect for the alarms that previously existed. We are pleading to the on-campus residents that in the future they should respect the alarm and act accordingly. There are 790 on-campus residents whose lives depend on these alarms; thus the importance of these alarms cannot be taken lightly. Remember the next time the alarm goes off to act accordingly, for the life you save may be your own. Gene Riordan Box 7791

N. Brad Robbins Box 7797  
Larry Buckmaster Box 3453  
Al Cardarelli Box 4408  
Jim Brannigan Box 3238

### Impressed

I have attended the Board of Trustees meeting in Prescott, Arizona. The local airport is a FBO-type operation with five Seminole and 12 Gruman Tigers for Riddle Students. The airport is currently replacing the main runway to be completed by June 1st. The campus is at 5,100 feet above sea level. On my ride to the campus it was snowing. However, during the day it was warm and sunny-perfect for flying. Embury-Riddle purchased Prescott College and is utilizing all the original buildings with the addition of dormitories, which are very nice.

The Board meeting was very im-

pressive to me as a student. I was impressed greatly by the caliber of the members of the board. The openness of information to me, along with the concern of the board as to the student's opinions is greatly appreciated by me and the entire student body. Thank you, the board of Trustees, for your concern and support which makes Embury Riddle two cuts above every other similar institution.

There will be over 300 new parking spots behind the Lindberg

Center very soon. The new service park will be completed by April 15. The racquet ball courts are expected to be started in two weeks. Among the top three priorities to the board was the badly needed library here at the Daytona Campus. The administration will respond to the Board in October whether helicopter training will be started here at Daytona or not, and if training does not begin why!

The board has decided that the Daytona Beach Campus runs efficiently in increments of 2,500

students and 7,500 students is not possible at the present size of our campus. Therefore 5,000 students '10% shall be our limiting factor for enrollment. There are many issues I will continue to research and comment on. Should you have any questions please write them down and leave them in the S.G.A. Office. I will respond as best I can with the information I have. Thanks again for your support and encouragement.

Dino Santecusano, Jr.  
S.G.A. President

### SUMMER (continued from page 2)

no sections were open in the early morning or late afternoon, when the temperature is most favorable to academic excellence.

When a survey taken by the Institutional Research Department here shows that 82.6% of the students registering for the summer do so as to complete their degree

### CRAMMING (continued from page 2)

Flight Physiology, which should be a four or five credit-hour course, also falls far short of the mark. This subject, which every pilot should know inside and out, is instead reduced to two credit-hours and reduced in importance. It was a little hard to believe when a test question asked for a trivial name of a fire extinguisher chemical. The 20 letter plus word wasn't really important, but the fact that extinguishers in the cockpit must be checked for leaks and level of charge was. The course also has little mention of survival aspects. Aren't survival aspects something that every pilot

earlier, they might find it difficult to do so.

Although the program chairman refused to practice the forced entry system, waiting list were open for certain of the most demanded classes. In reasons of the fast-growing lists and the lines of arguing students, new sections were

should be well aware of in case of a crash over desolate territory? I thought so.

Numerous AS courses leave a lot to be desired when it comes to applicability of course content. Flight Physiology just happened to bring to light a good example. With some level of input, faculty could make their courses more conducive to shaping the "well rounded student." Is it that they don't care to improve classes or that they are unaware that improvements would help? This editorial is not directed at any particular instructor and his/her ability to teach.

It is directed at the system and it's inability to give many students something to take with them after graduation besides a piece of paper. It's difficult to be involved at length with something that could be so much better given an amount of input, but such is life.

E-RAU already has the means to accept suggestions toward courses: the faculty evaluation forms. Students should take a little time and put some thought into completing the forms to give administration insight to change students would like to see.

It is directed at the system and it's inability to give many students something to take with them after graduation besides a piece of paper. It's difficult to be involved at length with something that could be so much better given an amount of input, but such is life.

E-RAU already has the means to accept suggestions toward courses: the faculty evaluation forms. Students should take a little time and put some thought into completing the forms to give administration insight to change students would like to see.

## MORE ADVENTURE THAN A BLIND DATE.



Can you picture yourself swinging down a cliff? Or shooting the rapids? Or crossing a river using only a rope and your own two hands?

You'll have a chance to do all this and more in Army ROTC.

Adventure training like this helps you develop many of the qualities you'll need as an Army officer.

Qualities like self-confidence. Stamina. And the ability to perform under pressure.

If you'd like to find out more, make a date to see your Army ROTC Professor of Military Science.

**ARMY ROTC. BE ALL YOU CAN BE.**

CAPT. JOHN J. ARVA!  
Assistant Professor Army ROTC

**SORRENTO'S**

MONDAY Baked Ziti  
TUESDAY Pizza  
WEDNESDAY Baked Lasagna

2044 Volusia Ave. Kmart Plaza

**PIZZA**

OPEN 8am to 10pm  
Phone 255-1817

Daily Specials  
Deli, Subs, Pizza,  
Fresh Fruit Italian Ices

★ COUPON ★

50% OFF a small  
75% OFF a med.  
or large PIZZA!

THURSDAY  
FRIDAY  
INCLUDES: Spaghetti, Ravioli, Bread & Butter

800-925-6661  
Estimate: 1285, 1173, 1188

Regional Airport  
Daytona Beach, Florida 32114

## DBCC presents a musical classic

By Fred Schwieg

The Daytona Beach Community College Performing Arts series presented a fine production of "Once Upon a Mattress" this past weekend. This musical, which first appeared on Broadway with Carol Burnett, purports to tell the true story behind the fable. "The Princess and the Pea" is what you might expect, much hilarity is por-

trayed as the play goes about setting the record straight.

In this version, the Lords and Ladies of the court are waiting to get married but can't until Prince Dauntless (Steve Levine) marries. However, the intrigues of Dauntless' domineering mother, Queen Anne (Susan Bultman), have prevented it.

With the anxious waiting, something is bound to happen and it does when Lady Larkin (Julia Love) mysteriously becomes pregnant.

Her suitor, Sir Harry, (Larry Davis) sets off to find a true princess and returns from the swamp with Princess Winnifred (Susan Bultman), who likes to be

called "Fred".

Dauntless falls in love. His mother is horrified and tries to stop the wedding by proposing a test of royal sensitivity by having Winnifred sleep on a pea covered by 20 mattresses. But Winnifred passes the test, with the help of the courtiers who employ the pea with jousting equipment.

The musical lends itself well to exaggerated performances, and all members of the cast played their parts with delightfully outrageous excess. Especially noteworthy performances were rendered by Susan Bultman as the tomboyish, moat swimming Princess Winnifred and she captured perfectly the ceaseless energy of Princess "Fred". Karlah Hamilton also excelled as the cocoa pulling Queen Aggravain. She provided much hilarity with her belting of "Quiet!" and "You swam the moat!" and conveyed the sickly sweet condescension towards Dauntless with just the right amount of thinly hidden venom.

A musical lives or dies on the singing in it and the cast equips itself well on this point. Especially noteworthy was Julia Love as the aptly named Lady Larkin. Others deserving note were Keith Kilian as the Jester, Larry Davis as Sir Harry and E-RAU's Rick Sage as the Minister.

The sets and costumes deserved special mention as both were excellent. Choreography was by Debby Von, wife of E-RAU's Eric Grober.

All in all "Once Upon a Mattress" was an excellent evening's entertainment.

If you missed this play, the series continues with the DBCC cast meeting of "The Knights of the White Magnolia" April 22, 23, and 24.

## Steppen out..

A look at eating and drinking establishments in the Daytona Beach area.

By Tony Pinto  
Entertainment Editor

This week Steppen Out travels north on A1A to St. Augustine. Getting out of town for some entertainment in the setting of St. Augustine is an adventure that should encompass the whole day.

It will take a little more than an hour's drive on A1A, approximately 40 minutes at 1.95, or 23 minutes flight time and a short car ride to reach Florida's oldest city. Buildings outfitted with the Spanish decor of their origin, dating some 200 years ago, set the mood for a day of fun.

Those with sightseeing in mind should consider the Alligator Farm, Ripley's Believe It Or Not, and of course the Monument. It's a must visit and a ride through town captures it all at a glance. Others who consider food and spirits a way of gaining insight into a town's activities have an array of places to choose from.

Looking for a nautical setting one finds the *Conch House*, located across the Bridge of the Americas on the intercoastal waterway as the best bet. You'll be treated to some excellent music while sitting high above the river listening to seafaring tales and watching boats go by.

For the country and western enthusiast, the *Trade Winds Tropical Saloon* hosts some of the best foot-stomping music to be found in St. Augustine. It is really more than entertainment with performing local talent who really know how to move the crowd. *Scarlett O'Hara's* drinking establishment features some excellent fruit drinks and a down right friendly environment. The front porch atmosphere attracts many in search to quench their thirst among wicker furniture and hanging plants.

There are a sprinkling of bars in the downtown area, but one of the more convenient ones is the *White Lion*. Friday night will find two for one and a very lively crowd. Again, local entertainment will have you doing dances from the twist to whatever. Whoever said dancing wasn't like a couple of rounds on the trapeze? This bar deserves a visit and you will probably be pleased at the way they entertain you. The candlelit porch is a pleasant change to the inside bar and allows for some fresh air over quiet conversation.

There are scores of places to visit in St. Augustine, some entertaining, some less so. The thing to remember is to plan a full day (or days) there. The activities and myriad of shops are endless and will only be limited by your time and money.

You'll find a mix of locals and tourists who have a genuine interest in the history of Florida and its presentation in this original setting. So, the next time you are looking for somewhere to spend the day, remember that St. Augustine scores a perfect 10.

Until next week...

## Speech Night '82 a success

SPEECH NIGHT '82

By Martin VanWinkle

Members of the Spring '82 speech classes participated in a speech forum on March 30. The event was sponsored jointly by Embury-Riddle's Humanities and Social Sciences departments. The event took place at DBCC's Goddard Center and was supported by Gamma Rho, students from Ms. Williams, Mrs. Smith's and Ms. Magaha's classes.

There were no less than two hundred persons in attendance. The au-

dience was composed of Embury-Riddle and DBCC students along with many Riddle faculty members.

A total of nine speeches were presented. The topics ranged from "Animal Psychology" by Tracy Grabe to comic topics such as "Camels" by Mark Adams and "M-W-F, 9:30, C-409" by Mike Cosby et al. "The History of Aviation" was presented by Karl Wolff, and the technically oriented speech "U.S. Bombers" was given by Scott Dunmire. Other speeches

were "Excerpts" by Steven MacPherson, and "The Immortality of the Death Penalty" by Margo Gawn.

The overall response to the present 'tions was very good and many compliments were exchanged between the audience and the participants during the reception that followed the speech session.

Participation awards were presented by Professor Campbell. Dr. Jones summed up the evening by saying, "The Liberal Arts are alive and well on this campus!"

## Big names highlight Jazz festival

By John Scribner  
Avion Staff Reporter

St. Augustine was the scene last week for a jazz fest that included such greats as Doc Severinson, Woody Herman, and Maynard Ferguson.

Staged jointly by the University of South Carolina's Left Bank Jazz Society and The Los Angeles Jazz Theatrum (a jazz museum) the show drew less than spectacular crowds.

According to Director of Operations, Jaque Moore, the turn out was "disappointing." But she

looks forward to better attendance in future years. Last weekend's festival was the first of what is intended to be an annual event.

Located off of A1A, the open air amphitheater combined a natural setting with the capacity for tremendous sound (the cleanest I've heard in a long time) to give the musicians a conducive environment for performing quality music.

I caught Woody Herman's Sunday afternoon show. Herman and his back-up band, The Thundering

Herd, captured a small (I put it around 500 people) but dedicated crowd. His brassy, big band sound was as effortless as the spring breeze wafting around the amphitheater.

Severinson, Ferguson, and Herman were complemented by a host of local Florida jazz talent that included Marcus Roberts, Travn, the Jimmy Rowles Quartet, Harry Babbin and Rush Hour. The billing allowed a "big name act" to close out each of the two sets on the four days of the festival.



The best brands and largest selection of high fidelity stereo components and accessories available anywhere at Hart's. If you're into sound and haven't been into Hart's, you're not really into sound.

ADS  
AUDIORESEARCH  
AMPEX  
DENON  
DISKWASHER  
DYNAVECTOR  
FUJI  
GOLDRING  
GRACE

KEF  
KLIPSCH  
LAST  
MAXELL  
NAD  
NAKAMICHI  
POLK AUDIO  
QUAD  
ROTEL

SONY  
SOUND CONNECTIONS  
STAX  
STUPEX  
TDK  
TANDBERG  
THORENS



Audio  
&  
Video

801 Mason Avenue  
Daytona Beach  
Call 255-1486

Established in 1945. Serving Florida for 37 years.

## Entertainers rock Spring Fling

By Louis M. Kady  
Avion Staff Reporter

By continuous effort of the SGA Entertainment Committee, E-RAU "Spring Fling" turned out to be a big success. Despite high winds and threatening weather, there was ultimately an adequate turnout of students and the day's attractions ran smoothly; from the Busch Beer Wagon to the Riddle Skydivers' exhibition to the smashing performance of Gary "U.S." Bonds.

While various clubs and organizations sold many delicacies, beer and soft drinks, three feature bands provided live entertainment.

The first band 'Force,' kicked off the festivities, hitting the stage shortly after noon. The band, who

evolves from Detroit, Michigan, gave a good start to the "rockin'" atmosphere of Spring Fling. Force's four members were apparently undaunted by the high winds and blowing sand as they executed a powerful, hard-driving performance.

'Stranger,' the next group, continued the party. Recognized better on a local level, the Orlando-based band has been electrifying the Daytona Beach rock club "The Pier," for the past week and Spring Fling was no exception. Their energetic "stage leaping" and other forms of exhibitionism complemented their clean, hard hitting rock style.

The highlight of the day's events came when the internationally known Gary "U.S." Bonds and his six member band arrived

onstage. The performers supplied a more relaxed, yet rhythmic rock n' roll styled music.

Bonds, who began his music career in the late 1950's, brought back a bit of nostalgia, while performing in an energetic, funky fashion. Meanwhile, various members of the audience were apparently enjoying the music as they were dancing and singing to the tunes. There was an aura of unity during the encore performance as the band and the audience seemed to move as one whole.

Finally, after the show's wrap-up, the performers were escorted to the faculty-staff lounge in the U.C. Fatigued from the performance, Bonds collapsed on the couch, exclaiming, "the heat wears ya out!"

## Swept wing jet for USAF

Acting as agent for the Defense Advanced Research Projects Agency, the Flight Dynamics Laboratory at Wright-Patterson AFB has awarded a \$71.3 million letter contract to Grumman Aerospace Corp., Bethpage, Long Island, N.Y., for fabrication, ground test and initial flight test of a forward swept wing aircraft. The contract is fully funded by DARPA.

To be designated the X-29A, the FSW demonstrator will be the first experimental aircraft in the Department of defense in more than a decade.

Col. James Alburn, DARPA program manager, is a 1972 MIT civilian institution graduate at Stanford University. He received a masters degree in aeronautical/astronautical engineering.

The single-seat FSW demonstrator vehicle will have a gross takeoff weight of 16,000 pounds and measure 48 feet long and 14 feet from the top of the vertical stabilizer to the ground.

The aircraft's fixed wings, with a span of 27 feet, will be swept for-

ward at a 30-degree (leading edge sweep) angle to the fuselage. The wing skins will be light-weight graphite epoxy composite materials, and all interior stringers and spars will be of conventional aluminum and titanium alloys.

Although the theoretical advantages of forward swept wings for high speed flight have been known for some time, technical problems until recently have made its application impractical to new aircraft design.

The problems have to do with "structural divergence" driven by the enormous bending stresses the forward swept wing encounters in flight -- forces similar to those felt when extending an open hand forward outside a moving car. Strengthening the wing to overcome divergence with metal structure would add so much weight that the advantages of forward sweep are nullified, and advanced composite designs can counteract the forces without the weight penalty.

The FSW aircraft will be an integration of new structure and

design with parts from within the DoD inventory. The vehicle's forebody will be an F-5A fuselage; its structure just aft of the cockpit will be new, and its main landing gear will be the same as that used on the F-16.

Powerplant for the FSW aircraft will be a General Electric F404 engine currently in the Flight Department inventory.

The FSW program schedule calls for the government to take delivery of the vehicle after four functional flights at the contractor's facility in late fall 1983. Air Force/DARPA program plans anticipate that flight testing would continue from NASA's Ames-Dryden Flight Research Facility, Edwards AFB, Calif.

Final definition of a contract that completely defines the FSW work, now underway by the letter contract, is anticipated early this year. To date the contractor has worked under \$2 million and \$4.8 million contracts for preliminary and final design of the FSW aircraft.

# Alcohol program expands to get students involved

By Bo Alksnis

Recently the Center for Human Development has undertaken the task to provide students with information on alcohol. To begin with, Director Dan Kelley and his staff members painstakingly developed guidelines for drinking here on campus. In order to determine the extent of E-RAU students' misconceptions of "drinking," they presented a questionnaire to 935 incoming students this past fall.

Presently, the center is expanding its program to get more students involved. Last week, in conjunction with AIAA, an informative session was held to acquaint people with police procedures for DWI cases.

The survey conducted in the Fall

of 1981 provided interesting insight into what E-RAU students know about alcohol. The questionnaire, for those who didn't take it, contained true/false and multiple choice questions. They ranged from general knowledge of alcohol to the drinking behavior of students. The study showed that the majority of students don't know that most problem drinkers are males in their 20's or that approximately 70% of alcoholics are married, working, and "normal people."

The survey uncovered the fact that almost half of those surveyed drink 3-4 drinks at a time and drive afterwards. This puts them in a potentially dangerous position because they could be legally intoxicated.

A positive aspect of the results showed that most people drink to be social and not to escape problems.

The drinking guidelines for E-RAU set forth by the alcohol and substance abuse committee ran in a recent issue of The AVION. The guidelines which were never explicit before, explained when and where alcohol could be served, as well as the type of school related functions at which alcohol could be served. The rules did away with functions which were solely for drinking purposes; any alcohol consumption must now be the second order of an organization's business.

In the center's continuing attempts to inform the students

about alcohol, they along with AIAA presented a Daytona Beach policeman at a lecture last Wednesday, March 31.

The program began with Dan Kelley and Dave Capps, Assistant Director of Student Activities, speaking to students for a few minutes on the Alcohol program's efforts. They told the students that the school does not condone drinking but emphasizes, to put their point across better, moderation. The audience was told that light drinkers lived longer than non-drinkers but also that heavy drinkers were most likely to die first.

The program was then turned over to patrolman Wayne Lurcock who informed the students on

police procedures for handling drunks, specifically drunk drivers. He demonstrated an older model of a breathalyzer machine with the assistance of four students who were given 1,2,3 and 4 beers respectively. Attempts were made to match the results of a state police test. The conclusion reached showed that our results did in fact match up with theirs even with our less stringent controls. The officer's demonstration was informative as well as interesting when he told of past cases where individuals were able to have their charges dropped by loopholes in the laws and testing procedures.

Future information sessions will take place, although none are planned for this Spring. These should be interesting and won't make you feel harassed or give you a guilt trip. Next time you hear of one, take some time to sit there for a while and broaden your horizons.

## notices

### Learning Resource Center hours

The Learning Resources Center will be closed for Easter Weekend. Please note these dates:

Good Friday: April 9th - CLOSED  
Saturday: April 10th - CLOSED  
Easter Sunday: April 11th - CLOSED

The following week we will be open extra hours for final exam preparation. We have had many requests from students to stay open later than we do; the problem is that there usually are not enough students to justify later hours. We will be keeping headcount statistics each day to assess the actual need for an additional increase in final exam hours.

#### FINAL EXAM HOURS

Monday, April 12th - Friday, April 16th - 7:30 a.m. - 11 p.m.  
Saturday, April 17th - 8 a.m. - 8 p.m.  
Sunday, April 18th - 1 p.m. - 11 p.m.  
Monday, April 19th - Wednesday, April 21 - 7:30 a.m. - 11 p.m.

### Exam schedule

Upon the recommendation of the Campus Council, approval has been granted to schedule a "class-free" STUDY DAY this trimester. The purpose of the Study Day is to give students a full day for study and review between the last day of classes and the beginning of final exams. In the past, many students were in class until 1500 or 1600 on Friday afternoon and yet faced a comprehensive final exam at 0800 the next morning.

The schedule for the Study Day and Final Exams for the Spring 1982 Trimester is as follows:  
LAST DAY OF CLASSES.....April 14, 1982  
STUDY DAY.....April 15, 1982  
FINAL EXAMS.....April 16, 17, 19, 20, 21, 1982  
COMMENCEMENT.....April 24, 1982 (Saturday) 1000 a.m.

### Attention International students

INTERNATIONAL STUDENTS are reminded to fill out and return the questionnaire (on blue paper) they will soon be receiving. A proposal has been submitted to the National Association for Foreign Student Affairs (NAFSA) which, if granted will bring funding to allow for researching and compiling a list of multi-national aeronautical companies and those existing or proposed in the developing world, interested in providing co-op, practical training or post-graduate employment opportunities to foreign students.

Both the number of returned questionnaires and the tabulation of the information received will assist us in determining the needs and interests of international students.  
Charlotte S. Skinner, Director, International Student Affairs

### Pilot shortage

Facing an expected pilot shortage, American Airlines is growing its own. AA has an arrangement with the University of Texas to supply academic courses leading to a bachelors in applied aeronautics and will supply flight training at Meacham Field (Fort Worth) leading to a commercial ticket with instrument, flight instructor and jet type ratings in four years. Much of the schooling will be on ATC-810 twin-engine simulators. The course is supposed to take students from scratch to qualification as Boeing 727 flight engineers, 737 co-pilots or Cessna Citation captains.

### Physics lab

The new physics laboratory in the Department of Mathematics and Physical Sciences has been officially opened by Provost Jack Fiddel. Department Chairman, William Grams, said the new lab "will provide E-RAU students with a better lab experience and will allow more options in scheduling classes." The new lab is in addition to the existing physics and chemistry labs. Although specifically geared towards physics, it is also set up for chemistry.

## Restrictions lifted for air taxi operators

A recent change in the General Aviation Reservation (GAR) program is the granting of additional slots for on-demand air taxi operators, many of whom were economically hurt by the limited number of slots they shared with the rest of general aviation. Scheduled air taxi/commuter operations are exempted from the restrictions from the restrictions of the GAR program. Under the change, one additional reservation per hour may be issued by each tie-in (airport associated) flight service station.

To obtain the additional slot,

RA (continued from page 1)

market the idea to the RAs," continued Baurely.

He explained further how a "buy in" with the RAs "would have created a much healthier atmosphere between the RAs and the administrators."

### LIBRARY (continued from page 1)

thrust also has a lot to do with when the library will go up." Right now, according to the Provost, we don't have the funds, in our operating budget, to build a library, this is the area where the trustees are primarily concerned.

As far as actual monetary allocation is concerned, the Provost elaborated further. "We have

the pilot must supply the carrier's FAA Operating Certificate (FOC) number and home base; the FAA says it will cancel the program if abuses are detected. These will be utilized only after the regular slots are used up. They cannot be reserved in advance nor "saved up" for later use.

Other recent information relating to the GAR program includes:

The FAA was expected shortly to reinstitute IFR Fast File for aircraft not requiring reservations (those who already have IFR departure and arrival reservations,

AROs, at LaGuardia, JFK International, Washington National and Chicago; turbojets above FL 290; aircraft filing tower-to-tower enroute; and non-stop international flights).

ATC facilities have been instructed to assign Flight Levels 240, 250 and 260 to turboprops when traffic permits.

Although pilots must request a GAR no more than 24 hours before expected departure time, the FAA has instructed FSSs to accept reservations for the entire 24th hour.

Currently, you can expect

### BLIMP (continued from page 1)

a great job and we all had a good time."

On March 15, 1957 at 6:44 p.m., the "Snowbird" safely completed its journey and received a hearty welcome to Key West, Florida. The airship had beaten the 6980 mile record of the "Graf Zeppelin," and also broke the 200 hour endurance record. The crew was personally congratulated by Admiral William F. Halsey, and Commander Hunt was presented with the Distinguished Flying Cross.

Headlines about the blimp's flight abound in the nation's newspapers, a "airship history would never be the same."

Hunt then left the Navy in 1958, moved to Florida, and began his

endeavor with Embry-Riddle. Now, 25 years after the historic flight, President Hunt still expresses his confidence in airships. "I am convinced that the airship was and can be a tremendously valuable machine," he added, "It fills in the gap left between ships and planes and is a very efficient, efficient, and beautiful platform for many applications. I believe eventually they'll be used more in the future."

President Hunt is still proud of the fact that he was a pioneer in airship aviation. But he expressed that the epic flight of the "Snowbird" was in the past, and that his attention and energies are directed towards the future.

## \$10,000.00 CASHIER'S CHECK

We need information which you might have:

The following list of aircraft are for sale. We will pay a commission to you of \$10,000.00 if you supply the name and address of a principle and the sale of an aircraft is consummated by us to that principle.

We will follow up on all referrals to the greatest extent possible.

The current market for used large aircraft is exceptionally strong. This is due to high inflation vs. the marginal improvement of new aircraft.

Speculation on the stabilization of oil prices and/or glut has supported the used aircraft market. The emerging third world nations have also created an increased demand for freight liners and passenger aircraft.

All we need is the name, address and phone number of your referral, and your return address. Retain a copy and send certified mail to:

**Peter Paulin & Associates**  
Box 40250  
Tucson, Arizona 85719

"We get things off the ground!"

- |                          |             |
|--------------------------|-------------|
| (4) DC-6 (all 121 cert.) | (1) 737-200 |
| (6) DC-9/15 series       | (6) 707-100 |
| (4) DC-9/30 series       | (12) DC-8   |
| (3) 727-100              | (2) 747-F   |
| (2) 727-200              | (2) DC-10   |
| (3) 737-100              | (7) 707-200 |

In 10 minutes you could well earn your entire college tuition. I did!

Other various aircraft: Electra/440/Otter etc. available. Aircraft specifics available on request. Any equipment modifications (Galleys, seating, avionics, engine mods) available. Aircraft Financing, Crew Training, and Maintenance Programs are also available on request. All aircraft are available for inspection and subject to prior sale.



# American League '82; Oakland A's should prevail



By David Frost  
Sports Editor

This week it's time to take a look at the American League after sorting out the National League last week. The American League still retains its individuality by having the designated hitter having for the pitchers. This rule often changes the face of a game in the late innings because the American

League managers are not forced to go with a pinch hitter and remove their starting pitchers from the game. This fact may be the reason there seems to be some very strong pitching staffs in the league.

## A.L. East

Starting out in the American League's Eastern Division we have

one of the most competitive divisions in baseball. The mini-series between the Brewers and Yankees was very tense and exciting. These two teams will once again challenge for the division crown.

My nod for winning the division this year has to go with the New York Yankees. The only thing the Yankees did this winter was make themselves stronger. They acquired Dave Collins and Ken Griffey from the Reds and gave up very little in return. The speed of Collins along with the consistent hitting of Griffey shore up any weak spots the Yanks might have had before. Dave Winfield had a fine first year in New York but unfortunately his World Series performance left much to be desired. The infield once again has Galt Nettles at third and Bucky Dent should return to shortstop. The Yankees have one of the best bullpens around with Goose Gossage and Ron Davis. The bench of the Yankees have some excellent pinch hitters in Oscar Gamble and Lou Pinella. Overall, I don't see anything stopping the Yanks.

The team that should be giving the Yankees trouble is the Milwaukee Brewers. The Brewers won the second half division title last year and still have a well balanced team back. The Brewers have Cy Young and MVP winner from last year, Rollie Fingers. The big bats on the team belong to Gorman Thomas and Cecil

Cooper. Thomas finished second in the league in homers and Cooper was third in hitting. The key to whether the team can keep pace with the Yankees is if their starting pitchers can keep them close in the middle innings and if they can find a consistent designated hitter.

Following the Brewers most likely will be the Orioles. Manager Earl Weaver has stated that this is his last season. This just might give the Birds extra incentive to win. The pitching staff is one of the best around. The strong arms belong to perennial all-star Jim Palmer, Scott McGregor and Mike Flanagan. Steve Stone was counted on but has an injury and his status is unclear. The offensive weapons on the Orioles are Eddie Murray and Ken Singleton. Murray tied for the league lead in homers last year and won the RBI title. Singleton consistently gets on base as was seen by his .382 on base percentage. The thing that will leave Baltimore sitting home in October is a lack of depth. Pitching can carry them only so far.

Rounding out the top four will be the Detroit Tigers. The Tigers made a great run for the title in the second half last year but fell short by only 2½ games. Sparky Anderson has assembled a decent team around hard hitting Kirk Gibson but it just will not be enough to win.

The Boston Red Sox just missed the second half title on the last

week of regular play last year. The Sox have some fine hitting but have yet to find a pitching staff suitable for the dimensions of cozy Fenway Park. Bating champ Carney Lansford and Jim Rice cannot lead the team alone.

The Cleveland Indians and the Toronto Blue Jays will be fighting it out to stay out of the cellar. Neither team really possesses what it takes to make any kind of challenge for the top spot. If I was a fan of these teams I would not advertise it too loudly.

## A.L. West

The American League's Western division has what I believe will be the pennant winners in it. The Oakland A's look like the tough team to beat this year. Billy Martin has assembled one of the most balanced teams in the majors. The pitching staff is without a doubt one of the best. The staff has led the majors in complete games the last two years. What was incredible was that they almost won both halves of the split season last year. Outfielder Tony Armas led the A.L. in homers and Speedster Ricky Henderson led the league in stolen bases along with finishing second in the MVP voting. One thing I like about the A's is that many of the players are versatile. They can play different people in new places in crucial game situations. With this fact, they have excellent depth. The team

that may give the A's the most trouble will be the Chicago White Sox. The Sox made some key moves in the off-season. They acquired Steve Kemp from Detroit and Tom Paciorek from Seattle.

Pacioirek finished second in batting last year. Catcher Charlton Fisk is back for his second season with Chicago along with the league's number two D.H. Greg Luzinski. Fast Pon LeFlore returns to center and the infield appears solid up the middle with Bill Almon and Tony Bernazard at shortstop and second respectively. Although they don't appear to have an over abundance of talent, I just have a suspicion about the Sox. They really appear hungry for a pennant.

The California Angels have one of the best teams on paper. Reggie Jackson comes over from New York to join a host of other all-stars. With an all-star at almost every position one would think this was the team to win it all. The only problem is that these guys were all-stars a few years ago. Gene Mauch will have his hands full trying to give players with names like Lynn, Foli, Ferguson, DeCinces, and Ford enough playing time. The pitching appears weak but if all these veterans play the way they use to, there just might be another championship in California.

The last team that should be battling it out for first place will be the Kansas City Royals. They won the second half last season with a strong finish. Manager Dick Howser has brought some great motivation to the team. The team is all around a pretty sound ball club. It just seems they often wait around to see if George Brett will do the job of hitting and starting rallies. If Brett doesn't do well, the Royals don't do well.

The Texas Rangers traded any hope of winning the west last week. They shipped out Al Oliver to Montreal. Oliver was the top D.H. in the league last year and I really don't think Lee Mazzilli will fill the void. The league's number one catcher is still Jim Sundberg and he will have quite a time handling the young Ranger pitching staff.

The bottom dwellers in the west will be the Minnesota Twins and the Seattle Mariners. The Mariners have Richie Zisk and the Twins have a new domed stadium. I can't say anything else about these teams without being very slanderous.

That's how I see the American League this season. Both divisions will be very competitive and the races will go down to the last weekend. The team that can stay close through the dog days of August should prevail in October.

## ATTENTION ALL NAVY VETERANS WHO SERVED HONORABLY

The Naval Reserve has immediate openings for qualified veterans. The reserve features steady pay, advanced technical training, security, outstanding retirement benefits, insurance benefits, steady advancement, job satisfaction and travel.

If you can spare one weekend a month and two additional weeks each year, we can provide all of the above. To find out if you qualify and which jobs are available, call the Naval Reserve Center in Jacksonville at (904) 772-3118 (collect).

## Professor runs in Boston Marathon

By John Scribner  
Avion Staff Reporter

Dr. Frank Josza, an Embury-Riddle professor, will be traveling to Boston to compete in the Boston Marathon, April 19.

Dr. Josza, who teaches Corporate Finance in the Graduate program, is confident about his performance in the upcoming 26.2 mile road race.

"I'm not worried about the distance," Josza claims. "I'm looking to beat a three hour time."

Though he began running consistently only two years ago, he is a

Josza is confident about the upcoming race. The Boston Marathon course includes some hills which he admits might be challenging. The forty-year-old runner claims he has never "hit the wall," a term runners use for the point where the body is physically fatigued and the runner continues on psychological power alone.

As an added incentive to his performance, Dr. Josza's students are pledging approximately \$5.00 for each mile that he runs. The money will be donated to a local charity.

self-proclaimed "jock."

"I've been a sort of jock all my life," he says. "I had both a basketball and baseball scholarship when I was in college." Josza attended Indiana State.

Josza has run in local races for the past year and trains every day. Since 1981, he has run an average of 75 miles each week. Most of his running has been what he terms, "L. S. D." or long, slow distance running. Once or twice a week Josza will run on track for hard run practice.

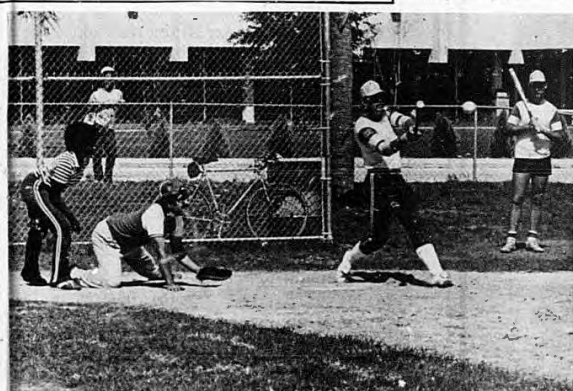
## BENCHWARMER'S SPORTS TRIVIA

In Don Larsen's 1956 perfect pitching performance in the World Series, who was the losing Dodger pitcher, his nickname?

ANSWER:

The Bor-

ber "Mogile."



## Blue Max wins intramural title

Don Johannsen of the Flight Tech team connects with a hit during earlier playoff action. When the play-off dust cleared, it was Blue Max who emerged victorious. They defeated the Cast Raiders 14 to 13 in a very exciting championship final. Congratulations go out to both teams and to all the players who participated in one of the largest league of teams ever assembled. The sign-ups for the summer league will get underway early in May.



FLY WHERE THE FUN IS

CALL 255-0471





**Two Flight Line** "ramp observation platform" officially began operations on Sunday April 4. The long awaited tower will increase the effectiveness of flight line operations and safety. Providing a "quick response" to weather changes such as ceilings, visibility and winds. Along with increased control of unauthorized personnel, refueling and vehicle operations. According to Dr. Tony DiGiriamo "All that we are doing is moving the dispatcher upstairs to the tower. All calls will still be made on the same frequencies as before, with no additional calls. However it gives us the ability to monitor weather and aircraft movement more effectively." (Photo by Gary Tarizzo)

## Health department initiates cycle program

By M.C. Poertner

Volusia Little Sentinel

A young motorcyclist approaches an intersection and suddenly a car turns in front of him. There isn't time to think. He has less than 2 seconds to react. The rider panics and overbrakes. His rear wheel skids and he loses control.

The accident, though a composite drawn from statistics in a recent study, is too common to suit Volusia County Health Department officials.

In an effort to curb motorcycle accidents through understanding of potential traffic hazards and how to avoid them, the Health Department is organizing a three-part training and information program aimed at novice riders as well as experienced riders who might have some dangerous habits.

"With motorcycling becoming more popular every day...the accident statistics in Volusia County have been on the increase," said Hubert U. King, director of the department.

In Volusia County, there have been four deaths and about 23 injuries in motorcycle accidents since November, said Chuck Speiser, the Department's Hazard Control Manager, who is head of the pro-

ject.

There's no question about the need for more training, said Speiser, who at 46 is a veteran motorcyclist. He offered the following statistics from a recent California study of 900 accidents and 3,600 police reports:

More than half of the riders who crashed were in the age 17 to 26.

Only 54.4 percent had a valid driver's license.

More than 50 percent had fewer than five months' experience, though the average experience of all the motorcyclists was three years.

Alcohol and drugs were found in 12 percent of the crashes, but in 45 percent of the fatal accidents.

Intersections are the most likely place for a motorcycle crash. The most common crash is when a driver of another vehicle turns left in front of the oncoming motorcycle.

In the typical crash, the rider has less than 2 seconds to react.

Though the Florida Legislature will consider repealing the state's mandatory helmet law this year, statistics make a strong argument for wearing a helmet while riding, Speiser said. While 40 percent of the riders who crashed were wearing helmets, only 23 percent of the

drivers killed were wearing them. Only one helmeted rider died of head injuries, he said.

"The use of a safety helmet is the single, most critical factor in the prevention or reduction of head injuries," he said, reading from a report by William Hurt of the University of Southern California.

The first part of the program is a 1-hour lecture and slide presentation available now to motorcycle clubs, community groups, schools and employee safety training programs.

Called the Fundamentals of Motorcycle Safety, it focuses on the attitudes of riders and non-riders. It is designed to make riders more aware of hazards, personal protection and cycle maintenance and to make non-riders more aware of motorcycling techniques and potential hazards, Speiser said.

Part two of the plan, which is expected to be available later this month, includes 6.5 hours of instruction for new riders — those with at least 200 hours of riding experience. Most of the time, 3.5 hours are spent in the classroom, watching movies and slides. The remainder of the time will be spent on a riding range, he said.

## Practical tips for corporate pilots

Replete with practical tips for corporate pilots and for executives who are considering operating a company airplane, *Corporate Aviation* by Robert J. Whempner provides a realistic picture of the value and the techniques of using a plane as a corporate business tool.

The large — and growing — business segment of the aviation industry is comprehensively explored, from the history of corporate aviation to methods for operating a large corporate flight department. The author describes in detail how to use the airplane as a time-saving, profit-producing

business tool, and he shows that the company plane is a safe and enjoyable alternative to airline travel.

Focusing on the economics of corporate aviation, the book weighs the potential for increased sales and greater mobility against the financial outlay involved. It examines the advantages and the disadvantages of aircraft purchase or leasing, how a company's annual cash flow is affected, the development of the annual operating budget, cost analysis, and the fiscal outlook.

Also covered are such topics as the internal organization of a flight

department; hiring and retaining qualified personnel; outfitting the corporate airplane; establishing a practical maintenance program; and writing an operations manual with policies, utilization, and procedures that match the corporate mission.

Robert J. Whempner is the director of professional programs for Embry-Riddle Aeronautical University in Daytona Beach, Florida. A former experimental test pilot for NASA and a chief corporate pilot for Honeywell and RCA, he has logged more than 16,500 hours of flight time.

## Computers to be used in AF training

The future of Air Force pilot training may be in computers. At least that's what members of the 3305th School Squadron at Randolph AFB, Texas, intend to find out.

They recently kicked off a four-year effort to evaluate the possible use of computer assisted instruction techniques in undergraduate Air Force pilot training.

Using computers to help teach pilots is a completely new approach to pilot training. Not only would it reduce the number of classroom instructors needed, but

Another feature of the system is its videotape capability. This allows students to actually see what they are doing or proceed through academics at his or her own pace and, in effect, tutor each student individually.

Instruction will involve much more than just reading text on a television screen. Students can actually interact with the computer through a keyboard to answer questions, solve problems and even get individual instruction when they need it.

visualize flight-related situation described in the text.

Students can also perform cockpit procedures using a light pen to "flip switches" on a graphic display of an aircraft instrument panel.

Staff members at the 3305th will spend the next two years developing computer assisted instruction that will incorporate approximately 50% of the current Air Force UPT academic courses. It will then be field tested for 15 months at Laughlin AFB, Texas.

## Registration Survey

### Summer enrollment increases

Students attend summer school to "beat" tuition increases, because school is less crowded, to graduate early, to concentrate on studies and to complete studies early, according to a recent E-RAU survey.

These "very serious", "very academic" reasons for summer attendance here predominated the survey conducted during Spring 1982. According to Wayne Bottomly, Director of Institutional Research, here, responses were received from 632 students during Spring pre-registration.

Wanting to complete studies early ranked first with 82.6% of the total students picking this as one of the reasons for attending summer school. Conversely, only 5.9% of the total said that repeating "failed" courses was their reason for attending in summer. And the least cited reason was "Conflict between Classes" (with 32 responses for 5.1% indicating that schedule conflicts are not a serious problem

in the registration process, according to Bottomly.)

The next least indicated response was "Conflict with Instructor" (cited by 47 for 7.5%), which may indicate that personality conflicts between student and instructor are not a major problem.

This survey was taken during registration periods "to get good useable information in a minimum amount of time." According to Bottomly, good cooperation was shown by the students and he wants to thank all for their time and effort. This information is used in decision-making at E-RAU.

The Office of Institutional Research will be surveying students soon on their "Interest in Evening

Courses". This survey will take place during Fall Pre-Registration. The information will be sent to the Campus Council where scheduling can be accomplished with an eye on the results of the survey.

So, according to Bottomly, students' input is important. "Students can have a little more organized input" through the survey system. And "students that have topics to be addressed should go to their Student Representatives to express these ideas. Then the SGA can send this information to our office and through surveys, their topics may be brought to the Campus Council. All levels of the Administration look at the surveys."

### 2 For 1

Buy 1 slice  
Get 2nd FREE

-OR-

Buy 1 Whole Pie  
Get 2nd Pie FREE

Volusia Mall  
near Penny's  
255-7138

With This Coupon

**Scotto Pina** Expires 4-30-82

### Shampoo, Haircut, and Blowdry - \$10

with  
**ERAU I.D.**

**FREE BEER WINE**

**1351 Beville Rd.**  
**Foxboro Plaza**  
**Daytona Beach**

**REDKEN®**  
BEAUTY THROUGH SCIENCE

**Phone 761-7227**



# AFROTC bids farewell to graduating cadets

By Cadet Capt. Dennis Granger  
Information Division

Congratulations and farewell to all AFROTC graduating seniors. As we all know, receiving an Air Force commission is a great honor as it takes a great deal of professionalism, dedication and hard work. These men and women will be going to various bases during the summer. They are: Jeff Barath, who will be going to Laughlin AFB, Norm Lagas, to Ft. Rucker AFB, John Meidel, to Ft. Rucker AFB, Michael O'Boyle, to Reese AFB, Robert Patton, to Vance AFB, Stewart, to Vance AFB, Heinz Weissenbuehler, to Vance AFB, John Child, to Col-

umbus AFB, John Cobb, to Laughlin AFB, Mark Ekklila, to Laughlin AFB, Lee Reaser, to Reese AFB, and Glen Schmidt, to Vance AFB. As these new second lieutenants leave for their bases, we are sure they'll carry on the fine reputation of Embury-Riddle. Best wishes for these people from all of us here at Det. 157.

The Awards Ceremony took place last Saturday. It resulted in the deserved recognition of many fine cadets. Two awards were given for positive attitude toward training, personal appearance, initiative, military bearing and

potential to become an outstanding Air Force officer. The Air Force Association Outstanding AS400 Cadet Award was presented to Cadet Lieutenant Colonel Robert Stine, and the Air Force Association Outstanding AS300 Cadet Award was given to Cadet Major Steven Hays.

The American Legion ROTC General Military Excellence AS400 and AS300 Award went to Cadet Lt. Col. John Child and Cadet 1st Lt. James R. Stearns respectively for military excellence in AFROTC academic subjects and military professionalism. Cadet Lt. Col. Michael O'Boyle and Cadet Capt. Joseph Lewis received, for

outstanding academic achievements in university subjects and active participation in the military affairs, the American Legion ROTC Scholaristic AS400 and AS300 Awards.

The remainder of the National Awards included: The Daughters of Founders and Patriots of America to Cadet TSgt. Troy Fontaine; the Reserve Officer Association AS400, AS300 and AS200 Awards to Cadet Col. John Meidel, Cadet Major Paul Wilson and Cadet TSgt. John Hozey III, respectively. The Retired Officers Association Award went to Cadet Major Michael Cosby and the Military

Order of the World Wars Award was given to Cadet Major Robert Patton. Cadet Capt. Brian Dudley, Cadet TSgt. Paul Fardeman, and Cadet Staff Sgt. Sandy Kregel also received this award. The National Sojourners Award went to Cadet Capt. John Nylund, the General-Dynamic Air Force ROTC Cadet Award was given to Cadet Staff Sgt. Alex Franco.

The Sons of the American Revolution Award was presented to Cadet Staff Sgt. Craig Nygaard. The American Defense Preparedness Association Award was awarded to Cadet Lt. Col. Jeff Barath. Other award recipients follow.

Military Order of the Loyal Legion of the United States Award Cadet Capt. Eric Theisen. Armed Forces Communications and Electronics Association Award

Cadet Lt. Col. Robert Rasky. Special congratulations go to all these cadets for their outstanding performance.

Just a word of reminder. The Dining Out is April 10th at the Daytona Hilton. Everyone is invited to attend. Now it is time to reflect back and learn from our successes and failures because of our pride in the past will give us faith for our future.

## Army ROTC prepare for summer camp at Fort Bragg

By Cadet Capt. Anthony E. Disantilo

To those nightly motivated MSIII cadets who think they still have plenty of time to get ready, both mentally and physically, you had better all take another look at the calendar - camp is less than three months away.

The time to start preparing is now. It may seem easy to lie out on the beach and say, "I sure need to get in shape for the physical readiness test, maybe if I curl a few more beer cans," or "I know I need to improve some of my basic military and leadership skills, but they're not being taught right now." While these excuses settle your mind now in June they will come back to haunt you.

What must you do? First, the Army Physical Readiness Test has three events: the Push-Up, Sit-Up and Two Mile Run. In order to excel in all three, you only need a strong "desire" and willingness to "pay the price." You must con-

stantly work to achieve and maintain the proper level of conditioning.

To prepare for the first two events, the only thing you need is a spot on the floor large enough to do the push-ups and sit-ups, and while running in place may be boring, it will help. What I am saying is even if it is pouring out, or maybe you're afraid of getting a heat stroke, there is no excuse for not being ready when you arrive at camp.

If you feel rusty in any of your leadership or military skills, it is your responsibility to take whatever steps are necessary to correct any shortcomings. Get with your ROTC instructors and tell them your concerns. They are there to help you. Go and review the available field manuals and tapes. This is an excellent way to brush-up on your weak points.

Motivation and self-discipline are the key to getting ready. You may find it helpful to team up with

some friends and establish a work out program. Once you start, you'll find it easy to maintain.

Your mission is to go to advanced camp physically and mentally prepared to meet the challenge. Among other things, that means you must meet the eight standards

established by the Army, be ready to excel on the PT test and be proficient at map reading and use of the compass. The responsibility is yours. The six weeks at camp are not enough time for getting into shape and learning skills which should have been mastered on campus.

Last summer it was obvious that most of the MSIII cadets had prepared well, and their performance in every aspect of camp reflected their readiness.

The method you use to prepare is up to you. The critical point is that you get ready. Remember, "The only place that success comes

before work is in the dictionary!"

Take the challenge and be ready for advanced camp 1982, Fort Bragg, North Carolina.

Any questions you may have about Army ROTC, please contact Captain Arval in Glass Office No. 10 or call ext. 1125.

## Management club postpones election

By Cheryl Hutson

Roger Hazelton, Regional Manager for the Southeast U.S. for Gulfstream American Corp., addressed the Management Club last Friday night at the Daytona Inn. Mr. Hazelton centered his speech around an excellent slide presentation.

Besides Gulfstream's contributions to the E2C Hawkeye, the F-14 Tomcat and the A-6, the corporation is famous for its own G-series of airplanes. Gulfstream

manufactured 200 G-1's between 1959 and 1967 and then toolled up for the faster G-2 turbojet in 1967. Gulfstream considered this aircraft the queen of their fleet until the G-3 reformed better than engineers promised. This aircraft has a range of 3760 nautical miles and a top speed of Mach .775.

Gulfstream is backlogged on G-3 orders until the summer of 1984 when the estimated cost will be \$16 million.

The G-4 and G-5 are now on the drawing board. The G-4 will be a 4-engine prop and the G-5 is designed as a six to eight passenger trans-continental fuel efficient business plane.

Business-wise, the executive board will review the recommendations of the Scholarship Fund sub-committee this week and write the by-laws for the Management Club constitution. We hope to be presenting awards next fall.

Also, understanding Financial Data, booklet explaining how to read the financial section of the Wall Street Journal, is available to all members. The book can be picked up in Mr. Brown's office, E-612.

Elections for club officers were postponed because of a lack of a quorum, but candidates introduced themselves and gave speeches. The candidates are: Mike Wadner

for Treasurer, Tom Tomczyk for Secretary, Mark Ryan for Vice President and John Parrish and Todd Dawkins for President. Ballots will be distributed to members' mailboxes this week.

Awards were given out to Bill Chamberlain for helping with the Investment Seminar and our taxes. Also awarded were graduating seniors who have donated a lot of time and effort to the club. Tilden Montant, Tim Dennis, Pedro Febles, Kevin Isenegger and Randy Alexander were honored as recipients. We wish to give them a special thank for all the work they have done and good luck in the "real world."

## Beach party turns out to be a success for the Hellenic Society

By Chris T. Dimitriyadi

On March 20th, Hellenic Society "PHAROS" sponsored a beach party at Ponce Inlet. Festivities included the superb E-RAU band, "Final Approach" (led by Cyrus Florin), which got the beach rocking. Meanwhile, some partygoers gave a hand on a tug-a-war, and some played volleyball ball, while others explored the sand dunes. No matter what activity they pursued, it was clear that all the students en-

joyed the sun with a cold brew and the sound of rock and roll. Much work and coordination went into this event to please a crowd of 140 people.

Special thanks go to Kikky Ballanos for her dedication and hard work that made this event a success. Mr. Bird, Director of E-RAU Maintenance, who helped us with all of our needs, Mr. Terry Washington, from E-RAU

maintenance, who dedicated his day to come down and help us out, Kim Landon and Anheuser Busch and Carolyn and Rusty, Managers of Epicure, in the preparation of food.

Also, a special thank you to Bob King and Debi Denzer for their support, and finally, to all members of the Hellenic Society who participated and made this event a success.

## Lambda Chi Alpha initiates new brothers

By David McFarland

Congratulations Mike Agrelian, Dan Kiparos, Rick Verma, Ken Bradburn, Rick Dominioni, Bill French, Dev Imch, David McFarland, and Ench Alomenu - Lambda Chi Alpha's new brothers. With the addition of these brothers Lambda

Chi Alpha doubled in size.

The new officers were elected and installed, their names will be announced next week. The brothers of Lambda Chi Alpha also volunteered their time Friday to help Holly Hill Elementary School with their olympics. The brothers took charge of many

events and kept things running smoothly.

Lambda Chi Alpha had a great time and the faculty and students really appreciated the help they received. Lambda Chi Alpha is always looking for energetic people. If you are interested stop by W-306 Tuesday at 7:30.

## Sig pledges thanked for outstanding construction of a bar on the pool deck

By Jim Dillon

Congratulations pledges on your successful completion of the second pledge review. As of today all 30 of you are eligible for initiation at the end of this month. We are all anxiously awaiting the results of your national exam. And I trust you all are doing your best to get good grades.

Thank you pledges for the outstanding house project. The

brothers are thoroughly impressed with a job well done. For the uninitiated, the pledges constructed a beautiful bar on the pool deck.

Sunday was the championship softball tournament. We won the first game quite handily. In the second game we were outscored in a close and competitive game. It was a respectable finish to a winning season.

Another one bites the dust. At

press time with only 26 days to go, brother Tom Alouf still intends to marry his fiancée Laurie Ann. The wedding is May 1st in Akron, Ohio. Best wishes Tom.

Yours truly has been selected as the brother of the week. It seems I am the first Sig in history to get kicked out of Kikky's bar for cause.

Remember the Captain America party is this weekend. Get psyched!

## BUCK'S GUN RACK INC.

LICENSED FIREARMS DEALERS



Buck's Gun Rack wishes all our E-RAU customers good luck on finals!

607 Volusia Ave., Daytona Beach

wadcutter

Reloads .38 spi  
**\$3.95** sale  
Box of 50  
with brass exchange

PMC .45 ACP

ammo sale  
**\$14.95**  
Box of 50

Super Sale!

Raven .25 ACP  
pistol  
Nickel or chrome  
One week only  
**\$45.00** each

"Uncle Henry" by Schrade. Sheath included.

The knife you cannot lose. If you lose it, Uncle Henry will replace it free within one year of date of warranty registration. **\$34.00**

COLT Python  
The world's finest revolver  
Maximum power, prompt accuracy and smooth action. Bore .38 Smith & Wesson  
#229300 127 May 6, 1982  
ONLY **\$533.00**

We now have in stock the famous poster "You can't rape a .38"  
**\$1.50** with E-RAU ID  
Reg. \$3.00  
limit one

Smith & Wesson  
Model 510001  
LUXE K&S 410 S&W semi auto pistol, .38 S&W  
**\$29.95**  
WITH SHEATH

E-RAU Students & Faculty  
**10% Discount**  
on all ammo and accessories with  
(except for sale priced items) E-RAU ID!  
Free T-Shirt or Hat With Gun Purchase

CALL 252-8471

# Arnold Air honors graduating seniors

Graduation is just about upon us and the Gail Robb Wilson Squadron of the Arnold Air Society is proud to announce two of our finest cadets graduating this spring, Jeff Barath and Norman Lagasse.

Jeff Barath, our current Squadron Commander, came to Embury-Riddle in the Fall of 1978 from Yonkers, New York to major in Aeronautical Engineering. Jeff's first two years in the AFROT program brought to him

many activities. As a General Military Cadet (GMC) he pledged AAS in his second trimester. Starting in a pledge class of six cadets, Jeff is the sole survivor. In his third trimester he became pliedmaster for the fall pledge class.

During his fourth and fifth trimesters, Jeff was the AAS Operations Officer for the GRW Squadron. Among his duties, Jeff arranged the Squadron's dining out with General Benjamin Davis

(then Commander of Air Training Command) and Provost Fidel as guest.

The fifth trimester of his AFROT career Jeff was the Vice Commander of the GRW Squadron. With a commendable service record compiling, Jeff was sent to Washington, D.C. to represent Detachment 157 at the Reserve Officers Association mid-winter conference.

During the summer between his junior and senior years, Jeff acted

as president of the local Reserve Officer Association chapter and helped produce the constitution by-laws.

In his last year of AFROT he assumed command of the GRW Squadron, providing a vital catalyst in the achievements of the society.

Jeff's university activities include his membership in the American Institute of Aeronautics and Astronautics (AIAA).

In the near future, Jeff will

report to Undergraduate Pilot Training at Laughlin AFB, Texas. After UPT Jeff is hoping to get the F-15 and then go on to Langley AFB, Virginia to serve in the Air Defense Command.

Jeff Barath is a cadet of many qualities. We are glad he is on his way to a promising future. We wish him luck and are confident his quality will benefit the Air Force in many ways.

Norm Lagasse came from Winthrop, Maine in the Fall of 1978 also to major in Aeronautical Engineering. He received a three and a half year scholarship in the AFROT program.

During his AFROT career he was a flight commander, Evaluations Officer, Deputy Commander of Training and the wing Inspector General.

Pledging AAS he became a member and assumed a number of staff positions and did a one hundred percent job in all of them.

Within the university, Norm has been a Resident Advisor and is now the Senior R.A. All of his activities qualified him for Who's Who in American Colleges and Universities which he received.

Having received his helicopter pilot slot, Norm will be reporting in May to Fort Rucker, Alabama for his training. After training Norm would like to get into Air Rescue and Recovery Service with the U.S. Air Force.

We wish both of these fine men the best in the future and we are confident they will carry their qualities to the active Air Force. From all of us at the Gail Robb Wilson Squadron - Go for it!

## Society of Collegiate Journalists attend National Conference in New York City

On March 18-20, six members of the Society for Collegiate Journalists traveled to New York City to attend the 1982 College Publications Conference, sponsored by the National Council of Publications Advisors. This fourth annual conference did much to enhance the journalistic abilities of those who attended.

The two days of workshops, which culminated in a publication

critique, kept all members actively engaged throughout their stay. Tours to Time Magazine and the New York Times gave the college journalists insight into the professional side of newspaper and magazine publishing.

The conference, attended by over 100 other colleges from throughout the nation, brought to the ERAU journalists new and fresh ideas that Embury-Riddle's

technical background prohibits. According to SCJ President Dave Frost, "Our attendance at this conference enabled us to interact with the journalistic backbones of other colleges. We learned quite a bit during our stay and look forward to its application at our newspaper throughout the coming issues."

Vice President Tony Pinto, who coordinated the trip, was especially

thankful for the financial support needed to make it a reality. Saying that, "We are very appreciative to the Orlando Sentinel Star newspaper and the Daytona Beach News Journal. Without the help of Mr. Hartwell Conklin from the Sentinel Star and Mrs. Kitty Carson of the News Journal we would not have been able to attend. Solicitation was made to the newspapers' Charity Funds, which provide monies for these types of activities, and once approval was granted, the wheels started turning."

Speaking more with Frost, he continued, "We are also thankful to Dave Capps and his support through the Clubs and Organization fund. It was a collective effort, but the C.A.O. money really enabled us to represent our school among other schools. We are proud to have had that chance."

All in all, the SCJ members were successful in gaining insight and exposure to the journalism industry and its application to a college publication. "With minimal journalism resources at hand," according to Frost, "these conferences allow us the vehicle by which to learn."

## ODK receives Circle Award

By Todd Bauerle

The Embury-Riddle Circle of Omicron Delta Kappa National Leadership Honor Society received the most improved Circle Award for Province IV at the 1982 biennial national convention. Province IV is made up of 14 colleges and universities.

The National Convention was held March 19-21 at the Hyatt

Regency Hotel in Lexington, Kentucky. The host circles were Transylvania University, The University of Kentucky, and Centre College of Kentucky. The major purpose of the convention is to conduct society business and to elect national and provincial officers. Another major goal is to unite all circles in one place and establish society goals and objectives as a

group.

Past president Todd Bauerle represented Embury-Riddle. Upon returning, a full report of convention business was given by Bauerle at the March 22 meeting.

Bauerle returned with many fund raising ideas and also many circle projects that are expected to increase the E-RAU circle's visibility on campus.

## Golf club off and swinging

By John Holmberg

March 16, 1982 marked the first official meeting of the newly formed Golf Club. The officers were elected and a date for the completion of Qualifying rounds was set. The officers are: President John

Holmberg, Vice President James Willard, Secretary Derek Ross, Treasurer Mike Robertson. They will be in office until March 1983.

The main function of the Golf Club is to provide its members the opportunity to play golf. Another

purpose is to sponsor an inter-collegiate golf team. All members of the golf club are eligible to participate on the team, and the qualifying rounds will determine a team for next fall. In the fall the club hopes to be competing a "six other schools around Central Florida, such as Stetson, University of Florida and many others."

The location for practice rounds and home tournaments will be Pelican Bay Golf and Country Club. The course director, Lawson Mitchell, has been very generous in his support of the Golf Club and team. Our faculty advisor, Mr. Richard Bryant, has given the club his complete support.

If you are interested in the Golf Club or competing on the Golf Team there will be a meeting held early in the Fall. Until then, have a nice summer and get out and play!

## Pilot lounge redone

by Jane McCaffery

Recently I was taken on a tour through the newly re-furnished pilot lounge. The lounge provides a relaxing and clean atmosphere for the students. The old tables and chairs were replaced by new booth type tables. Also, curtains were hung over the windows and some pay telephones were installed. The reason for the installation of these telephones was due mainly to the problem of hearing on the

outside phones when the planes were performing their run-up. Three large airplane photos are to be hung in the lounge.

I was also taken through the newly constructed Riddle tower. The tower will aid both the instructors and the students in questions pertaining to weather and taxing reduces. According to Dr. Digitalomo, the tower should be completed within the next few weeks.

## AVEquipment available from LRC

The Learning Resources Center, through Media Services, loans audio-visual equipment to student clubs and organizations for on and off-campus use. The procedure for obtaining equipment is to pick up a form in C-418, complete the top portion and obtain the signature from Student Activities to authorize use. There is also a preview room located in C-418 that is for personal viewing of films or videos and is open from 7 a.m. to 9 p.m. Mondays through Fridays.

For use on Campus, officially recognized and chartered student groups wishing to view 16mm films or videos may use the Riddle Theatre, if available, until 9 p.m. If the group meets in another location on campus, the form must be filled out and given to Media Services at least 24 hours before showtime. If needed, the following services will be provided: Threading the film on the projector, delivery to the classroom and retrieval of the film and projector before 9 p.m. Monday through Friday.

If the group is finished before retrieval time, they are to call ext. 1171 and request early retrieval. If

the group is finished after 9 p.m. they must deliver the equipment to the switchboard at the University Center and Media Services will retrieve it on the next working day. The group will not be released from their responsibility for the equipment until it is returned to C-418 and has been inspected for its condition.

For use off-campus, the group must obtain and fill out the form, then return it to the AV lab and pick up the equipment between 3

and 5 p.m. on the working day on or before use. If the group is going to borrow a film from the AV lab, instruction on threading the projector is mandatory. All equipment is to be returned by 9 a.m. on the working day following use.

The organization assumes full responsibility for this film and/or equipment while it is on loan. If it is lost, stolen or damaged, the organization will reimburse the LRC for the cost of repair or replacement.

## News from sailing squadron

The Sailing Squadron's sailing lessons will not be held this weekend because of Easter but there will be instruction given the week after. Members who are taking lessons are reminded that they do have three free hours of be time and can collect on that whenever they want.

Anyone wishing to buy shrimp or potato salad is urged to contact Dan Colliander, Box 1-212 or The Sailing Club mail box in Student Activities.

Members who have not yet received the MainSheet or the Hobie schedule can get them through Cheri Hutson, Box 7103. Mike Sturges is now handling the "Dial A. Crew" Program so if you wish to have your name added to the list as a crew for the Halifax Sailing Association, let him know (Box 3231).

Yes, T-shirts are on their way. We need 10 more orders to get them on discount so if interested, send \$10 and size to Glen Boggs, Box 6969.

- \* HOTEL RESERVATIONS
- \* AIRLINE TICKETS
- \* CHARTERS
- \* AUTO RESERVATIONS
- \* ESCORTED TOURS
- \* CRUISES

## FUN VACATIONS TRAVEL CENTER



OPEN:  
MON. - SAT.

All major credit cards accepted

(904) 258-7774

FUN VACATIONS TRAVEL CENTER  
1700 Volusia Avenue/Daytona Beach, Florida

## THE ONLY PLACE DISCOUNT LIQUORS, BEER & WINE

### BEER SPECIALS • NO LIMITS

Red Wht-Blue Ltr-6 pk	1.49
Blatz-6 pk	1.49
Lowenbrau	2.89
Pabst	1.85
St. Paulgirl	3.89
Old Milwaukee-6 pk	1.69
Busch-6 pk	2.09
Budweiser-6 pk	2.39
Miller Lite-6 pk	2.35
Michelob-6 pk	2.79
Michelob Lite-6 pk	2.79
Heineken-6 pk	3.59

### WINE SPECIALS & MISC.

All Petri Wines-3 ltr	4.20
(Same Vintners as Inglenook)	
All Carlo Rossi-3 ltr	4.99
Giacobazzi Lambrusco 1.5 ltr	4.69
All Riunite-1.5 Mag	4.99

### CANADIAN WHISKY SPECIALS

Canadian Leaf-ltr	5.25
Windsor	6.29
Walkers-1.75 ltr	9.79
Canadian Mist	6.79
Canada House-ltr	5.29

### RUM SPECIALS

Ponce DeLeon	4.33
Castillo-ltr	5.39
Bacardi-ltr	6.59
1.75 ltr	10.99
Ron Rlico-1.75 ltr	10.99

100% Yukon Jack 7.39 Plus 95 More  
SALE Items every week!!!

check our low low  
shelf prices too!

### VODKA SPECIALS

Stalingrad-ltr	3.99
1.75 ltr	6.95
Seagrams Blackwatch	
Grain	4.49
1.75 ltr McAllis Grain	7.49
Seagrams Wolf Jug	8.38
Seagrams Wolf Schmidt	4.99
Taaka-ltr	4.99
Fleishmams-1.75 ltr	8.79

### WHISKY BLEND

Jim Beam-ltr	4.99
Black Watch-ltr	4.75
Old Thompson-ltr	4.99
Philadelphia-1.75 ltr	8.99
Grain Alcohol 190°750ml	7.99

### GIN SPECIALS

Safari 94.4	5.99
Mims 90	5.79
Calverts-1.75 ltr	9.69
Gordons-1.75 ltr	10.99
Wackers	5.39

### BOURBON SPECIALS

Jim Beam-1.75 ltr	10.99
Jack Daniels-750 ml	7.99
Jack Daniels-Jug	18.69
Ancient Times (6 yr old)	5.39
Ancient Age-Jug	10.99

Proof of age  
required.

Hours 9:00-7:00 Mon-Sat.  
Closed Sunday  
HOLLY HILL PLAZA • 828 NOVA  
RD.  
252-8723





**WANTED:** Rider to share expenses and driving. Leaving Daytona on April 28 returning May 14. Going to Minnesota. Will be going through C.T. Tenn, Ky, Ind, Ill, Wis. and Minn. Interest parties call 235-5585.

**RISE NEEDED:** To New York City area. Available after April 21st. Will share expenses. Contact Oscar Roldan at Room 248 Dorm II at Box 7791.

**FRAM NEEDED:** Leaving April 21st for Framingham/Natick, Mass. Anywhere in Mass. or nearby OK. Will split costs. Have a few items.

**RIDER NEEDED:** for coming summer vacation. To share driving and gas costs to Newport/Littleton, Arkansas area. Plenty of room for luggage. Contact Aaron at Box 5335. Am willing to go anywhere near these cities.

**RIDER NEEDED:** Need student going to New York. Share expenses. About \$300. Leaving approx. May 1, 1982. Call Jerry 767-5912.

**BIKERS NEEDED:** I'm riding up to New York via 19 on a bike. Need bikers to ride with. Leaving at the end of the tri. Box 6193.

Leaving April 22, going up 195 to Washington, D.C. I can take one person around trip. Split gas and driving. Returning May 4, prefer person from Mt. Vernon or immediate area, must be non smoker. Box 5386.

**RIDE NEEDED:** To St. Paul/Mpls., Minn. or vicinity. Wish to leave after finals and return for summer A term. Willing to share costs and driving. Leave a note in Box 2071.

## rooms for rent

**FEMALE ROOMMATE NEEDED:** to share beautiful 2 bedroom, 2 bath apartment on Halifax River. Close to school. \$175 per month plus 1/2 elect. and phone. Can move in immediately. Call after 6 p.m. 235-9491.

**WANTED:** Roommate for 2 bedroom, 2 bath townhouse. \$175 plus 1/2 utilities. Includes pool, tennis courts, and laundry mat. Only two miles from school. Contact Joy at 235-4361.

**TAKING APPLICATIONS:** for roommate. This establishment includes w/c, carpet, wash/dryer, color TV, contemporary living room and unobstructed kitchen. Walk in closet, built in BBQ on sun deck. Walkout walk with shower. Full cent. air cond. Rent is very cheap! Stop by and see. Box 6260.

**ATTENTION STUDENTS:** Large house for rent. Downtown Daytona Beach. \$300 per month plus utilities for three students. \$100 per month for each extra student. Minimum three students, maximum six students. First and last month's rent plus \$100 damage deposit required. Call 233-8023 or come by 139 First Ave., Daytona Beach or stop by at 141 First Ave. and we will show you the house.

**TWO FEMALE ROOMMATES WANTED:** to share a new 4 bedroom, 2 bath house in Port Orange about 4 miles from school. Non smoking and must be clean. \$150 per month, 1/2 utilities each. Call 252-2359 after 4 p.m. or Box 7225.

**ROOMMATE WANTED:** Male or female to share 2 bedroom, 2 bath house 2 blocks from the beach, located over Orange Ave. bridge. Rent \$200 plus 1/2 utilities. Big back yard and large garage with garage opener. Call Chris 235-7880 or Box E-125.

**ROOM FOR RENT:** in large and beautiful home. Ideal for student. Rent negotiable. Call Keith at 672-2944 or 677-3433.

**ROOMMATE NEEDED:** to share ocean front condominium in Ponce Inlet. 2 bedrooms, fully furnished. Must be neat and half way serious about school. Available for Fall tri or longer. \$285. Rent is negotiable. 761-2768 or 761-1703. Call anytime.

**ROOM FOR RENT:** in 3 bedroom house in Port Orange, approx. 6 miles from school for the summer trimester. House with AC, fully equipped kitchen, garage, in nice neighborhood. Rent \$143 a month + 1/2 utilities. Deposits neg. Call 788-9646 evenings, ask for Ann.

**STAYING FOR SUMMER:** and tired of Riddlebobby? Well, I have a fully furnished apartment available for \$100 plus utilities. Only 1 1/2 miles from school. If interested call 258-5717 or Box 5617 ask for Howard.

**ROOMMATE NEEDED:** looking for roommate for summer. Rent is \$125 plus utilities and is a 2 bedroom house. Contact Anthony at 235-7955.

**ROOMMATES NEEDED:** \$91 per month includes utilities. Summer only. Must have \$200 deposit by April 10th to secure your room. Joe Box 1127.

**PELICAN BAY:** Roommate needed for beautiful condo. 3 bedrooms, livingroom, dining room, sun-in kitchen, screened in porch plus all appliances including washer and dryer. 2 1/2 miles from school. Security guard at gate 24 hours. Nicest place around. Only \$144 per month + utilities. Starting Summer B. Call Max 788-2848 or Box 2091.

**ROOM FOR ONE PERSON:** for summer. April 17 - Sept. 1. \$103 a month + 1/2 utilities. 7000 campus drive. Call 258-7966.

**ROOMMIE NEEDED:** to share expense of house near beach with Riddle students. Rent is \$125 and 1/2 utilities. House is one block from beach, has large kitchen with plenty of storage. Laundry is only one block away. Available now, so call 258-5993, ask for Mike or Eric. House is 3.5 miles from ERAU.

**ARLINGTON HOUSE:** is now taking applications for roommates. This manner offers: cent. air, full dining room, mega kitchen with everything, built in BBQ on sun deck, color TV, walk in closet, wireless wall-to-wall, washer/dryer, in house laundry, washer/dryer, this house has everything. 3 miles from school, 2.5 from DBCC, 1/2 mi. from beach. Excellent offer. Rent is cheap.

**ROOMMATES NEEDED:** for summer A and B. Large 4 bedroom house within 15 min. walk of school, own bathroom fully furnished, kitchen, 2 bath, etc. \$115 a month plus utilities. Call 253-6875 for more info.

**FOR RENT:** 3 bedroom, 2 bath house located 1/2 miles from school. Call 252-7015 or leave a note in Box 6261. Loomis Ave.

**ROOMMATE NEEDED:** 2 bedroom, 2 bath, cable TV, pool, tennis, golf. 5 miles from school. \$155 per month + 1/2 utilities. Contact Bob 253-9824.

**ROOMMATE WANTED:** Preferably a sophomore or senior. Will consider a sophomore. No freshmen. Avail. April 30.

Share a new 2 bedroom home in Willow Run about 5 miles from school/beach. Own bathroom/bedroom & phone. Full furnish bedroom. Call Mike 761-7346.

**3 ROOMMATES WANTED:** for Summer and Fall terms to share brand new 3 bedroom house located on Pine Lake 1.5 miles from ERAU. Rent \$120 a month + 1/2 water, electric, phone, HBO, 2 car garage, wall to wall carpet, central air & heat. Must have reply by April 15. Contact Steve at 788-9395 or Box 5342.

**DORM 1 CONTRACT:** available for Summer trimester. If interested, contact Luis, Box 1237 as soon as possible.

**NEED A PLACE TO STAY:** for the Summer tri? I have a two bedroom mobile home completely furnished with color TV, washer & dryer, central heat & air. You will have your own bedroom with a double bed. Also included is the use of the pool and tennis courts. Price \$650 per tri. Includes everything except long phone calls. Must see. Call 788-6672 or leave a note in Box 2508.

**HOUSE FOR RENT:** \$300 a month. Delta gismo house and contents are going on the auction block. 6 bedroom, 2 bath, dining and living rooms. 2 bedrooms have been converted from an attic and Florida room. 3 miles from school, \$350 security deposit. Can be subleased. Available May 1st. Call 258-6349 ask for Paul. If not in, leave name and phone number.

**ROOMMATES WANTED:** 2 or 3 roommates for large 2 bedroom 2 bath apartment. Full kitchen, 1 1/2 blocks from beach. 5 miles from school. \$400 per month total (divided between everyone). No utilities to pay. Contact Jeff Box 7315 as soon as possible.

**FOR SALE:** Cut the cost of housing, 27 foot travel trailer, air conditioned, central heat, totally self contained. Located close to school. Call David at 252-3455.

**FOR RENT:** two bedroom one bath fully furnished apt. Need to sublease for Summer A & B. Two pools, tennis courts. Many extras. If interested call 257-1696.

**FOR SALE:** Ride with Fall 1 contract. Must sell. Call Dave at 255-8214 or Box 6002.

**ROOMMATE WANTED:** to share furnished 2 bedroom apt. Private bedroom and bath. Available April 20. \$160 per month + utilities. Cypress Village apt. Call Ken at 252-8223 or Box 7249.

**FOR RENT:** Summer A and B. Two bedroom one bath apt. Fully furnished. Cypress Village apts. Cable TV included. Three miles from school.

**RENT FOR SUMMER A AND B:** One bedroom apartment. Fully furnished with king size waterbed, bar, dishwasher, TV, cable, balcony. 4 miles from school, located in Palmto Square Apts. \$250 per month + utilities. No dep. required. Call Tom 788-4561. Box 2247.

**FOR RENT:** Females please, 1 master bedroom with own bath and walk-in closet for entire summer. Nice quiet neighborhood and 5 minute drive from school make this a steal for \$165 per month plus 1/2 utilities. Contact Alexis at 788-1318 after 10 p.m. daily.

**ROOMMATE WANTED:** Male or female to share 3 bedroom, 2 bath house with 2 other males. Rent \$133 a month plus utilities. Swimming pool, fireplace, HBO included. Call Lisa 253-2614.

**ROOMS FOR RENT:** Available May 1st. \$125, late, dep. furnished, close, convenient, comfortable. Call Rick 258-9999 or Box 6173.

**NEED ROOMMATE:** \$100 plus 1/2 utilities. Call 788-4001.

**SUMMER CONTRACT:** Dorm 1. Must sell for summer term. Please write Mike Jenkins Box 7924 or call 258-9156 or see me in room 530 Dorm 1.

**FEMALE ROOMMATE WANTED:** to share 2 bedroom apartment one mile from school. \$137 per month plus 1/2 utilities. Available the beginning of May. Contact Beth at BOX 8074 or 253-0496.

**ROOMMATE WANTED:** Excellent deal. \$100 a month, 1/2 mile from school, 1/2 electric, 1/2 water, fully furnished, no deposit, fully decorated, own bed, with share with an engineer, fully carpeted, modern kitchen, yard, it's a duplex, behind Daytona Mall. Just move right in. If interested call Mike or Rick at 258-0914.

**ROOMMATE WANTED:** Nice & big 3 bedroom house located 7 minutes from school. Rent \$140 plus 1/2 utilities. Phone 788-6795 or Box 5523. Call after 4 p.m.

## lost and found

**FOUND:** a calculator on 3-27 around the flight line. If it is yours, call 252-0116.

**FOUND:** Denim jacket in room 6-112. If found please contact Chris at Box 1125. Thanks.

**LOST:** Pair of dark prescription (small) sunglasses (pilot type). If found, call 258-6306.

**FOUND:** A calculator on the sidewalk. Phone 252-0832 and identify it.

**FOUND:** Assair on March 19 on all the flight line in an aircraft. Identify and state which airline. Contact Scott Box 7617 or 761-3886 after 6 p.m.

**FOUND:** Letter addressed to Billy from Mary drifting across ERAU parking lot. 788-9645.

**LOST:** Girl's HS ring. Gold with light blue stone. Lost in the UC Friday 3/12. If found please contact Debbie Box 7530.

**LOST:** One pair of black frame Rayban sunglasses in case. Howard Contact Bob at Box 1024 or 788-2817.

**LOST:** One black wallet in UC. If found please return to Chris Livadas Box 7403. You can keep the money.

**FOUND:** A watch. Monday night 15 March in the bathroom behind D Building. Contact Bob at Box 6450.

## miscellaneous

**TUTORING:** All level mathematics and accounting I and II with guaranteed understanding of the material to be covered. Just call 258-3543.

**ATTENTION:** All enthusiasts of the Texas Instruments 99-4 home computer and other 16 bit micros. I am attempting to start a Central Florida users group. I would also like to solicit ideas for a flight simulator program similar to the one for the Apple. Please contact Ralph Fowler 788-5666 or Box 5007.

**TIRED OF USING THE PAY PHONE:** to make your phone call? Excellent condition telephone for sale. Must sell. Call 788-9645 and ask for Paul or Tom.

**NEED SOMETHING MOVED?** I have a large pickup and will be glad to help you move anything locally. For further info, call Bob at 788-5814.

**TYPING:** Experienced typist fast and accurate. Low rates \$1.00 per double up page. Nancy 258-7362, Karen 253-9952.

**HERE IT IS:** The newest development in multi-level marketing. TOXICITY! Earn \$2,700 per month. The plan is simple, you will make money. Give me a call and I will set you up for an appointment. Mike-255-2037. We are not Amway, Shaklee, Mary Kay, Pro-Vita or MixGo. We are simply a combination of all of them without the headaches.

**WANTED:** Ideas from international students interested in becoming salesmen of the DISA. Come in person to the office or submit them (with valid signature and ID number) to PD-51.

**WANT A LINE JOB working and airport?** Ormond Beach Aviation is now hiring. Free rent plus \$50 a month. Call for more info. 677-6850.

**FOR SALE:** 65 Ford Galaxie in good running shape. Most accessories are new or rebuilt. Carborator needs an adjustment. \$400. Call 1st 258-5138 and leave a message or Box 5999.

## personals

**Mom & Dad:** How is talk to you. It's nice to know you are there when things get crazy. Love, Tony.

**The Avion:** After two years of having a fan in the office, I would've thought you'd know how to spell Joan Jet's name correctly. The Joan Jet Fan in the Office.

**Dave G:** Congrats and good luck on your promotion. I hope tax is ready for you! CH

**MLG:** The guys have not been working. How can you ignore them so? Those knewest how to feel. Every day without you is another needle in the pin cushion of my heart. There's no room for another. Make the provider man in the Universe. Say you'll be mine!

**Chet Kirk, Dave, Brian, Holly, Rene, Nacy, Ned, Mike, Larry, Pete, Tony, Alexia** and all other original members of SOFET... The game is coming back, the spy interested in it and the time is now. Are you interested?

**Atone C:** P.S. Tell your friends and leave a message in Box ERAU (Code, J is two numbers).

**P.S. Puzzled?** I wish P.E.O.C. Leave message and Box or phone.

**To the guys from Jacksonville:** from garlic to onions and limburger cheese, you're still worth a round on the paid off toilet.

**To the guys from Daytona Beach:** You are the hardest person to get a hold of. How do you expect me to ask you out? Come J.

**USA:** I'm glad you get off on science, technology, and astronomy. We definitely have something in common. You're even beautiful to boot! Mr. L-5

**To my Pen Pal:** Your notes are short and sweet, but I am starting to get antsy! There are many who in the description given. Need another hint. CH

**Uncle Pat:** The end is drawing near, when you will leave, I fear, but before you go, I want you to know, that I'll need you even more then.

**Love, Aunt Cathy**

**To Jerry Dan:** The next time you visit the zoo, watch out for the llamas that drink green beer, get a lot and hear that do it right in form of your face.

**From, Aunt Cathy's Secretary**

**P.S. How is your equipment**

**Sharon:** What was that bulge? First North Sharon.

**Ours are bigger:** First North Sharon.

**If you want the real thing:** First North Sharon.

**Dearest Shemp:** So how do you like Florida? I wish I wasn't going away Thursday, I'd rather be with you. But, "what 'cha gonna do." I wish a short note to say that it has been the best week of my whole school year sharing moments with the world's most beautiful person. Thanks baby, I'll see you when I come home. I'll love you always.

**Love, Love, Love**

**To Aer:** Remember, you are just a big "blip" until you squawk ident.

**The decident naves**

**MLC:** How have you been to the hardware store lately. I've heard that they are having a sale in the garden department.

**See you there.**

**The midnight parking lot attendant**

# Relax on the River at the "NEW" Showboat Restaurant and Lounge



On the river west of the Port Orange Bridge.

761-6724

Great Menu of appetizers, sandwiches, omelets, salads and steaks served daily from 11:30am to Midnight.

Enjoy 2 for 1 cocktails 11:30am to 7pm & 10pm to Midnight in our beautiful new wicker lounge..

Open til 1:00am

Present this coupon for a complimentary cocktail of your choice with any food order.

limit one per person

# E-RAU instructor speaks at the recent Sun'n Fun fly-in

When someone mentions the Sun'n Fun Fly-In, you rightly imagine sleek Vari-Eze's, Pitts Specials doing gallantish aerial maneuvers, hundreds of ultralights buzzing around like angry hornets, War Birds emitting their imposing sense of history, colorful tents transforming the airport into a Midwestern festival.

Proudly sitting next to an Ecoupe, right across from Rick Kusan's powder blue Long Eze and the Flying Mayor's Decathlon, was a 125 and white Skyhawk with N125JR on its tail. What was the Engineering Department's 172 doing at the Sun'n Fun (maybe you didn't even know the Engineering Department had an airplane)?

Let's go back and start from the beginning.

What is the Engineering Department doing with an airplane? The Department Chairman, Dr. Howard Curtis, and other engineering faculty members, had been thinking of acquiring an airplane so that engineering students could take real time in-flight test data. With the approval of the administration, the Engineering Department leased a Cessna 172 and began the In-Flight Laboratory course (AE498) in the Spring of 1981. As one of the most popular engineering electives, AE498 allows students to take data on 10 different performance in any stability flight.

In January 1982, Graham Gates, Forum Speaker Coordinator for the Sun'n Fun Fly-In, contacted the Engineering Department.

Gates was aware of Embry-Riddle's expertise in the aviation field and presumed that several members of the engineering faculty could be persuaded to make presentations that fly-in attendees would be greatly interested in. Assistant Professors Eastlake and Neate happily volunteered to give presentations.

Besides wanting to be forum speakers at America's second largest airshow and wanting to enhance Embry-Riddle's reputation among today's most innovative aircraft designers and builders, they had other motives for going. Both Mr. Eastlake and Mr. Neate are true airplane buffs, both are former Citabria owners, and Mr. Neate was looking for tips for his nearly completed K-3-2 project.

Eastlake, who teaches the wind

tunnel classes, presumed that there would be a number of designers or builders of light aircraft who (1) couldn't afford to unwind tunnel tests on their designs; (2) didn't have the expertise to run a wind tunnel test; and (3) didn't know much about what data is available from wind tunnel tests. In his one hour presentation, Eastlake emphasized that an amazing amount of data can be obtained from a 45-minute test run. He also pointed out that since his students run this same experiment every semester, and he's getting tired of the BD-4 model, he would gladly test a design for free. The offer of free wind tunnel testing sent a wave of excitement through the audience.

It will only be a matter of time until the flying and designing community in this country becomes

aware of Mr. Eastlake's offer. Then, Embry-Riddle students may be doing stability testing on Mini-Mustangs, lift testing on Dyke Deltas, and drag testing on Quicks.

Mr. Neate, who teaches AE498, did not offer to flight test the audience's designs. Instead, he offered the knowledge that flight testing is not a difficult endeavor, and the average skilled pilot can easily do four basic flight tests on his own airplane.

These tests include airspeed calibration, performance envelope determination, neutral point location, and lift to drag ratio determination. Armed only with paper, pencil, watch and fish scale, the average pilot can gather accurate data that could lead to much improved aircraft performance and stability. Nobody ran out of the

forum tent to begin flight testing, but it was obvious that the listeners were intrigued by the idea of being their own test pilot.

And the red and white Cessna 172 mentioned earlier? Mr. Neate flew it to Lakeland so that the lecture audience could see that a Cessna 172 with a minimum of fancy instrumentation could gather very accurate in-flight data.

As for next year, both professors have been informally invited to return and address the forum. Both are looking forward to next year when they can talk to aircraft enthusiasts from around the country, see a fantastic airshow and promote Embry-Riddle at the same time. So if you get a chance to visit the Sun'n Fun Fly-In next year, don't be surprised to see a larger crowd around an ordinary looking red and white Skyhawk than around an AT-6.

# New materials help solve seat fire problem

FAA Tech Center researchers have found that under certain full-scale test conditions about 50 seconds can be gained for passenger evacuation when a jet fire breaks out during a jet transport crash. This valuable time can be saved by having a layer of fire-resistant material around the aircraft's seat cushions.

Such a fire blocking layer has been the focus of many months of tests by the Center's Fire Safety Branch in an effort designed to lessen the flammability of polyurethane foam seat cushions that are standard in jet transports. The tests are part of a bigger, overall research effort by the Center into improving aircraft cabin fire safety.

"Our results are encouraging in that a number of potential fire-blocking layers appear to be effective in extending passenger evacuation time," says Program Manager

Constantine "Gus" Sarkos. "However, the difficulty is not just a matter of finding a less flammable material, but the need for the material to be functional, durable, lightweight and cost effective," he says, adding:

"We also are working to establish a realistic method of testing these materials and acceptance criteria. In addition to our full-scale tests, Boeing, Douglas, Lockheed and NASA are evaluating blocking layer materials with their respective test procedures. By comparing results from a planned round-robin exercise, which the Tech Center will participate in, we hope to find an acceptable test procedure — one which will serve to encourage and simplify the selection of the best aircraft seat cushion blocking layer materials."

Currently, most flame-resistant foam materials are much heavier

*"Our results are encouraging in that a number of potential fire blocking layers appear to be effective in extending passenger evacuation time."*

than polyurethane, and their use poses a problem in aircraft, because added weight means increased fuel consumption. As a result, FAA regulations require the polyurethane used in aircraft seats to be treated with a flame retardant. This makes it less flammable, but adds to the total weight of the seat, notes Project Manager Richard Hill.

"One way we can improve the flammability resistance of seat cushions in the future and minimize weight penalty is to use a blocking layer of fire resistant

material over untreated polyurethane," says Sarkos. "The additional weight of the blocking layer could be compensated for to some degree by eliminating the need for retardant chemicals to be added to the urethane."

One material that has been tested with good results is a neoprene foam blocking layer called Vonar III, a product of E.I. DuPont de Nemours & Co., Wilmington, Delaware. A 3/16 inch layer of Vonar III adds two to three pounds per seat. The material has already been fitted in a Pan Am 747 for service, comfort and durability evaluation.

Two other fire-retardant materials tested are much lighter. They are Cellos, developed by Genlex Corp. of Carbondale, Pa., and Norfab, a product of the

Amatex Corp. of Norristown, Pa. Both are aluminum fabrics used in steel mills as a replacement for asbestos suits and gloves. The materials will not burn, even when molten aluminum is poured onto them, Hill.

He adds that such materials are being considered for use as slip covers for aircraft seats. The covers could be installed over the present polyurethane cushions, but under more decorative seat covers.

"We also are looking at a polyimide foam which was developed by International Harvester under a contract to NASA," says Hill. "Polyimide is a possible replacement for polyurethane foam, but it is not yet in production. And so far, there are no figures on the comfort and durability of polyimide," he declares.

"That information and the mass production capability lies in the future, whereas the fire-blocking solution is here right now."

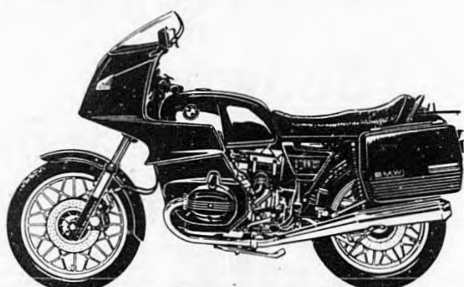
Most of the Center's tests — some 70 this past fiscal year — have been run in the full-scale fire test laboratory. They have been as true to life as possible by putting actual

seats and materials, found in aircraft into a wide body test bed fabricated from a surplus C-133 military cargo plane.

The tests are designed to attack three types of fires: those that result from a survivable crash when fuel ignites outside the aircraft and the flames enter the cabin area, those that occur during flight and those that begin when the plane is parked on a ramp. The latter two begin mainly from burning cigarettes or some other small ignition sources.

By far the largest number of deaths due to aircraft fires is the result of survivable crashes. One of every five people killed in aircraft accidents dies as a result of toxic gases or fire, rather than from impact injuries.

"When investigating ramp-type fires, we are testing not so much to save lives, since there is seldom anyone on board during this type of fire," says Hill, "but to reduce fire damage cost. If you can save this area, over a number of years, you can buy back some of the cost in better seat protection. This also could help bring down the cost of aircraft insurance," he adds.



## THE BMW R100RS. DESIGNED TO SUSTAIN HIGH SPEEDS, NOT MERELY ATTAIN THEM.

The BMW R100RS has been engineered to perform over distances considerably longer than the quarter mile. And over courses considerably more varied than a mere straightaway.

In short, it is one of the few motorcycles that has been designed for the real world of sport touring.

A world of twists, turns, sweepers and straightaways where, according to the motorcycle editor of Auto-Week, Michael Jordan, "no other bike can swallow so many miles at the speed the RS can deliver."

**THE LEGENDARY MOTORCYCLES OF GERMANY.**

We also carry a full line of touring accessories  
BMW of Daytona 484 S. Yonge Ormond Beach 677-9511



# Coordinator receives award

As each year at the same period, the Employee Recognition Award, given to a member of the Division of Student Affairs, was presented last week. This year's recipient is Jean A. Snyder.

Jean joined Embry-Riddle in April 1977, as the secretary to the AVION/PHOENIX office. In September 1979, Jean was pro-

moted to Administrative Assistant and later on to the position of Publications Coordinator.

Jean graduated from Daytona Beach Community College in 1973 with an Associate in Arts Degree and then attended the University of West Florida, Pensacola, where she received her Bachelor of Arts Degree in Communications in

1975.

Between June 1968 and June 1971, Jean served in the Army as Information Specialist (E-5) at Fort Dix, New Jersey.

Jean participates actively to *The Avion* and *The Phoenix* and the time and talent she devotes to these two publications are evidenced by the awards won by each. Jean is the originator on campus of the "Pen and Press Seminar" which this year, for the second time, has been a complete success. Jean has worked with the Director of International Student Affairs on the publication of *Beyond The Horizon* and with the Assistant Director of Student Activities on the now two publications of the literary magazine *Creations*.

Jean has been awarded many honors such as: Outstanding Young Woman of America (1972-73), Who's Who Among Students in American Colleges and Universities, National Defense Service Medal, Army Commendation Medal and last week's award is only another recognition of Jean's dedication.

Congratulations, Jean.

**★ UNCLE WALDO'S ★**

SALOON-BILLIARDS




Mon.-	<b>COLLEGE NIGHT</b> ERAU ID will get you 35¢ beer!	9:00pm
Wed.-	<b>POOL TOURNAMENT</b>	9:00pm
Thurs.-	<b>BACKGAMMON TOURNAMENT</b>	9:00pm

½ price pool for 2 couples on same table.

★ BEER ★ WINE ★ PIZZA ★ SANDWICHES ★  
122 VOLUSIA AVE, DAYTONA BEACH  
252-3699  
Open 7 days, 11am - 3am

THIS AD + ERAU ID GETS ONE  
HOUR FREE POOL  
Monday-Thursday, 11am-5pm.

**Advertise**  
in the  
**Avion**